



Headquarter in Shenzhen, China
Address: Building H, Hejing Industrial Zone, High-tech Park, Zhancheng Community,
Fuhai Street, Baoan District, Shenzhen
TEL: +86-755-2960-0088
Fax: +86-755-8626-2816
Email: linko@cmlinko.com

USA
Address: 5570 Florida Mining Blvd S, Ste 106, Jacksonville, FL 32257
TEL: 1-904-364-0321
Email: usa-sales@cmlinko.com

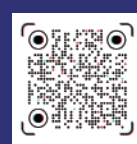
HONG KONG
Address: Room 1001(H), 10/F., Harbour Crystal Centre, 100 Granville Road,
Tsim Sha Tsui East, Kowloon, HongKong
TEL: 86-189-2341-6715
Email: linko_01@cmlinko.com



www.cmlinko.com

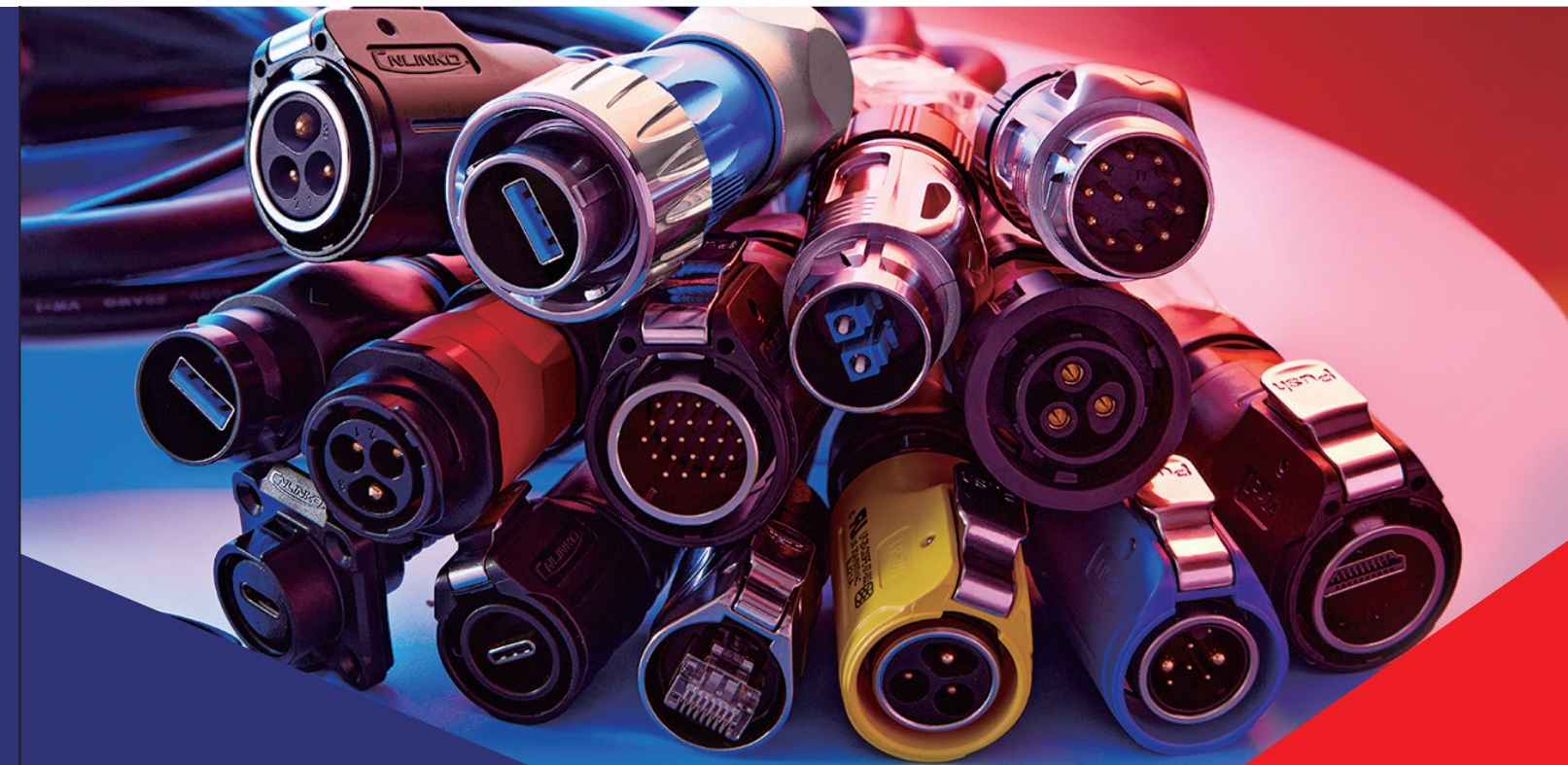


YouTube



TikTok

CNLINKO PRODUCT MANUAL



PRODUCT MANUAL

ONE-STOP SERVICE PLATFORM FOR
INDUSTRIAL-GRADE CONNECTION
SOLUTIONS



SHENZHEN LINKO ELECTRIC CO., LTD.



CONTENT

SHENZHEN LINKO ELECTRIC CO., LTD.

01

About
Cnlinko

03

Product
Certification

05

Development
History

06

Engineering
R&D Team

07

Production
Overview

08

Coding
Principle

09

Comprehensive
Product

10

Case
Presentation

17

Product
Catalogue



Manufacturer of Industrial Waterproof Connector With High Reliability

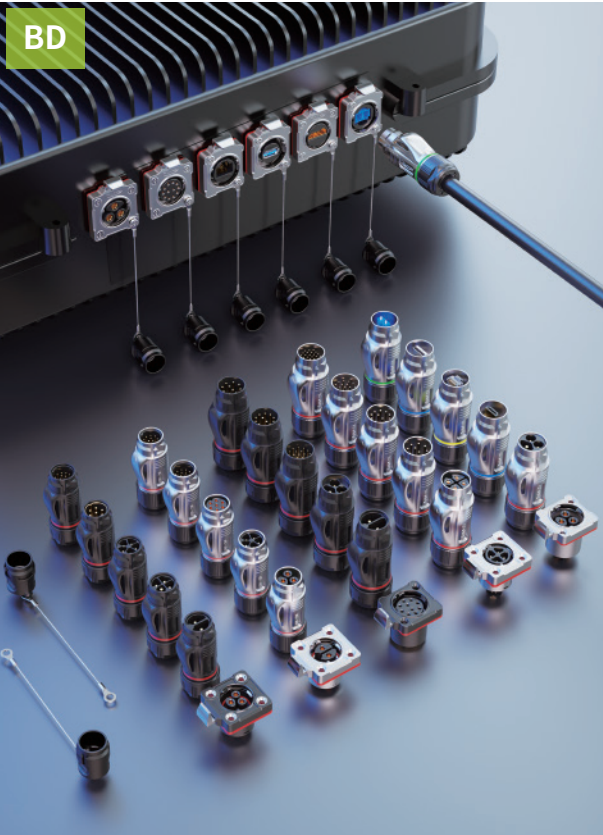


Product Content

All the company's products are patented products, counterfeiting must be investigated



LP series						P17
Connection mode	Snap button					Top selling
Material	Plastic type, metal type, plastic+metal type					
Protection level	Connection Status IP68/IPX9K					
Features	Suitable and convenient for various operation scenarios					
Application types	Multi-pin type (2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 19, 24 pin and customized 3+2, 2+6, 2+7,2+1+5 pin, etc.)					
	Signal (RJ45, optical fiber)					
	Data (USB、DAV、Type-C)					
Application	LP12	LP16	LP20	LP24	LP28	LP32
Model page	P23	P31	P39	P53	P57	P59



BD series		P85
Connection mode	Snap button	
Material	Alloy / Plastic	
Protection level	Connection Status IP68/IPX9K	
Features	Flush-Embedded Snap-Fastener Design Saves Valuable External Space	
Application types	Multiple Pins (2,3,4,5,6,7,8,9,10,12,14,19, 24 pins and customized 3+2, 2+6, pins, etc.)	
	Signal (RJ45, optical fiber)	
	Data (USB、DAV)	
Application	BD20	BD24
Model page	P91	P95



YM series		P61
Connection mode	Bayonet	
Material	Plastic	
Protection level	Connection Status IP68/IPX9K	
Features	Suitable for various anti-corrosion scenarios	
Application types	Multi-PIN (2,3,4,5,6,7,9,10,12,14,19,24 pin and customized 3+2,2+6 pins etc)	
	Signal Type (RJ45, Optical Fiber)	
	Data Type (USB、DAV)	
Application	YM20	YM24
Model page	P67	P71



DH series		P99
Connection mode	Bayonet	
Material	Alloy	
Protection level	Connection Status IP68/IPX9K	
Features	Fast color recognition, Good performance in all kinds of mechanical impact resistance environment	
Application types	Multi-PIN type (2, 3, 4, 5, 7, 9, 10, 12, 14, 19, 24 pin and customized 3+2, 2+6, etc.)	
	Signal (RJ45, optical fiber)	
	Data (USB、DAV)	
Application	DH16	DH20 DH24
Model page	P105	P107 P111



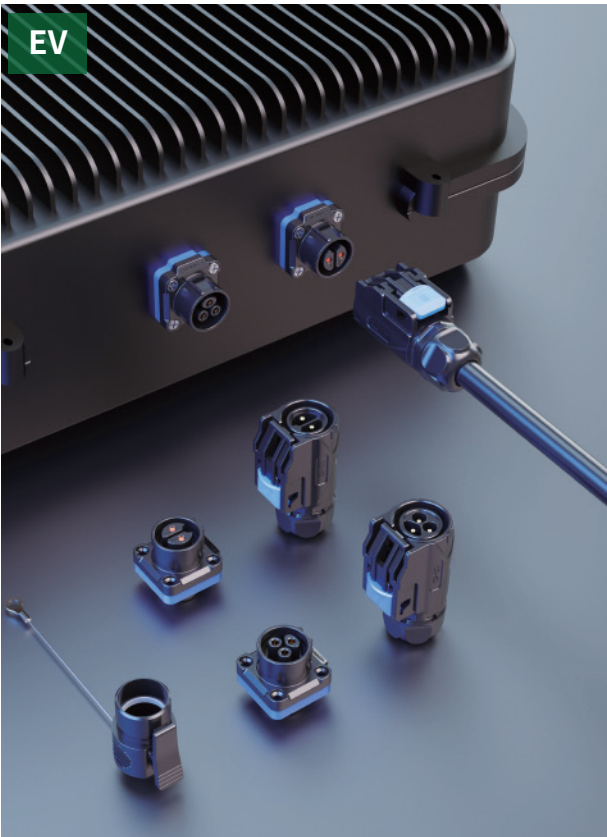
DL series		P75
Connection mode	Bayonet	
Material	Plastic	
Protection level	Connection Status IP68/IPX9K	
Features	Suitable for various anti-corrosion scenarios (secondary lock) permanently secure connection	
Application types	Multi-PIN (2、3、4、5 pin, customized)	
Application	DL28	
Model page	P81	

Manufacturer of Industrial Waterproof Connector With High Reliability



Product Content

All the company's products are patented products, counterfeiting must be investigated



EV series		P115
Connection mode	Snap button	
Material	Plastic	
Protection level	Connection Status IP67	
Features	Crimp Terminal Design	
Application types	Multi-PIN (2, 3 pin)	
Application	EV20	
Model page	P119	



YA series		P133
Connection mode	Bayonet	
Material	Plastic+metal type	
Protection level	Connection Status IP67	
Features	The socket automatic flip cover protection function	
Application types	Multi Pin (2、3、4、5、7、9、12、14pin)	
Application	YA20	
Model page	P137	



DZ series		P121
Connection mode	Bayonet	
Material	Alloy	
Protection level	Connection Status IP68	
Features	Good performance in various mechanical shock environments	
Application types	Multi-pin (2, 3, 4, 5, 7, 9, 10, 12, 14, 19, 24 pins and customized 3+2, 2+6 pins, etc.)	
	Signal (RJ45, optical fiber)	
	Data (USB、DAV)	
Application	DZ20	DZ24
Model page	P125	P129



YZ series		P139
Connection mode	Bayonet	
Material	Alloy	
Protection level	Connection Status IP67	
Features	Suitable for various kinds of mechanical impact resistance environment	
Application types	Multi Pins (2、3、4、5、7、9、12、14 pin)	
Application	YZ20	
Model page	P143	

Manufacturer of Industrial Waterproof Connector With High Reliability



Product Content

All the company's products are patented products, counterfeiting must be investigated



YW series		P145
Connection mode	Thread	
Material	Plastic+metal type	
Protection level	Connection Status IP67	
Features	Rock–Solid Connection	
Application types	Multi–PIN type (2, 3, 4, 5, 7, 9, 12, 14 pin)	
Application	YW16	YW20
Model page	P149	P151



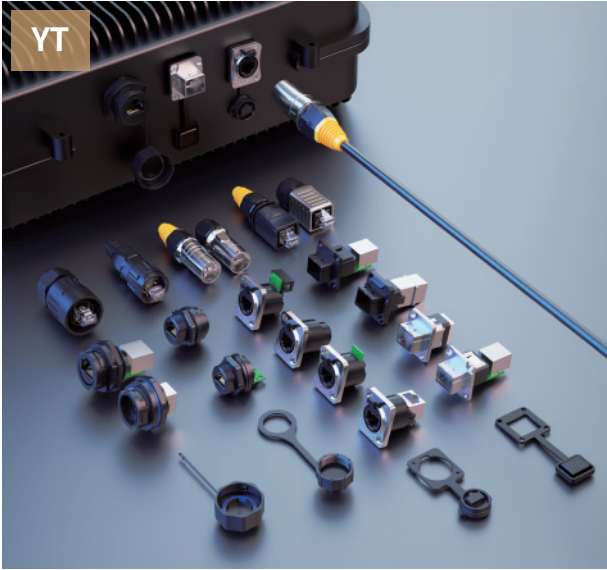
YF series		P169
Connection mode	Bayonet	
Material	Plastic	
Protection level	Connection Status IP44/IP65	
Features	Rock–Solid Connection	
Application types	3 pins	
Application	YF24	
Model page	P173	



YU series		P153
Connection mode	Bayonet	
Material	Plastic	
Protection level	Connection Status IP68/IPX9K	
Features	Universal Standard Interface	
Application types	Data	
Application	YU–USB	YU–TYPEC
Model page	P157	P158



LM Series		P175
Connection mode	Threaded	
Material	Plastic+metal type, metal type	
Protection level	Connection Status IP65	
Features	A–Coded Color Identification System	
Application types	Power: (2, 3, 4 pin) Signal: (5, 6, 7, 8, 9, 10, 11, 12 pin)	
Application	LM12	
Model page	P181	



YT series		P159
Connection mode	Push–Pull / Snap–Fastener / Threaded	
Material	Plastic type, metal type, plastic+metal type	
Protection level	Connection Status IP44/IP65/IP67	
Features	Universal Standard Interface	
Application types	Signal type	
Application	YT–RJ45	
Model page	P163	



Custom Cable Assembly		P189
Cnlinko's Products series	Existing connectors and solution development products	
Optional cutout size	M12、M16、M20、M24、M28、M32 and development custom	
Optional application type	Power, (2, 3, 4 pin) 、Signal (RJ45/Optical) Data (USB/DAV/Type–C) and Mixed	
Optional material type	Plastic type, plastic+metal type, metal type	
Remark	Customers can choose wire according to their needs	
Page	P189–P203	



Manufacturer of Industrial Waterproof Connector With High Reliability



About CNLINKO

Manufacturer of highly reliable industrial waterproof connectors founded in 2004

Shenzhen Linko Electric Co., Ltd., was founded in 2004, is a national-level high-tech enterprise and a national-level “Specialized, Refinement, Differentiation, and Innovation” Little Giant enterprise that integrates R&D, manufacturing, sales, and service of industrial-grade connectors. The company specializes in a comprehensive range of industrial-grade connectors including power connectors, signal connectors, data connectors, as well as cable assemblies and customized connectivity solutions. Its products are widely applied in diverse fields such as solar photovoltaic systems, industrial automation, electronic equipment, new energy systems, low-altitude economy applications, electromechanical equipment, machinery, instrumentation, marine systems, vehicle-mounted equipment, lighting fixtures, plant growth lighting, cleaning equipment, medical devices, security systems, LED displays, and many more.

Linko has established an industry-leading R&D team with extensive experience, a highly professional production team, and an efficient after-sales service team. The company operates a modern production facility exceeding 10,000 square meters. By implementing advanced ERP, PLM, CRM, OMS, and MES systems, Linko has built a leading intelligent digital factory with an annual production capacity of over 16 million units. Its products have obtained professional certifications from China, the United States, the European Union, and other countries/regions, and the company holds more than 100 patents of various types. To date, Linko has delivered professional connector solutions to over 50,000 enterprise customers across more than 170 countries and regions worldwide.

DYNAMIC LINKO HIGHLIGHTS THE TECHNOLOGY

Corporate vision: Building a digital bridge for connectivity, empowering digital connectivity of everything

Corporate mission: Driven by innovation, we provide customers with safe, reliable, and efficient connectors and solutions, becoming a trusted partner in digital connectivity of everything

Business philosophy: People-oriented, business improvement, continuous innovation, digital integration

Values: Adhering to craftsmanship, achieving customer success, integrity and trustworthiness, openness and progress, win-win cooperation

The values of new craftsmen of the times

Ingenuity: Craftsmanship in the heart, abide by the original intention

Craftsmanship: Keeping the quality and going further, Keeping creativity and innovation

Keeping the craftsman's feelings: small family passing on big love, painting the dream of the country together

Practicing craftsmanship: cultivating the style of learning and applying it, and practicing the road of talent foundation

Service as the Cornerstone

The service concept of “customer first”, and meets users’ one-stop procurement service demands from consultation, purchase to distribution and after-sales service with efficient services.

With the Shenzhen headquarters in China as the center, we will build a global sales network, and radiate our business to Asia, Europe, North America and other countries or regions, and provide satisfactory products and high-quality services to more than 40,000 customers around the world.

Based on quality

High-quality employees, cutting-edge production equipment and standardized production processes ensure the best quality of CNLINKO’s products.

CNLINKO selects the best production materials, implements the whole process quality control from incoming to out of warehouse through a full range of standardized production processes, implements CCD and automatic detection, eliminates human errors, and continuously improves the production process to maintain a high level of quality to keep customers satisfied.

Driven by R&D

CNLINKO’s innovations are based on long-term accumulated experience and set new industry standards worldwide.

After years of hard work, the company has mastered the core connection technology in industrial connectors, has a professional R&D team, and built a powerful laboratory testing room. In the field of aviation plugs, it has obtained more than 100 patents and a number of international qualification certifications. Use the PLM system to manage the entire life cycle of products, providing a stronger guarantee for the realization of customers’ needs.

Guaranteed by supply chain management

CNLINKO implements enterprise ERP system and pays attention to internal control. It only takes 20 working days from the time the user needs the product to the shipment of the product.

CNLINKO adheres to the lean and intelligent production concept, fully automatic, flexible production and unit production to meet the production needs of different products. And in the production process, the entire supply chain is strictly controlled. Implemented “red and black list” management, and established a professional inventory mechanism.



Manufacturer of Industrial Waterproof Connector With High Reliability



Certification

We are making continuous efforts and these are not our highest requirements, we have to escort every product.

Argentina

Belgium

Denmark

Germany

Finland

France

England

Canada

Croatia

Holland

Norway

Austria

Poland

Russia

Sweden

Switzerland

Slovakia

Spain

South Africa

Czech Republic

Hungary



The products approved by many international certifications Escort for your products

100+ More than patents



After years of efforts, CNLINKO is committed to taking the connector in the international leading level, mastering the core connection technology in the industrial connector, has a number of professional R&D teams, and has obtained a number of international qualification certification in the field of connector.

— High-tech enterprises —

— National specialized and new small giant enterprise —

— Red Dot Design Award —

— Guangdong Provincial Manufacturing Single Champion Enterprise —

— Invention patents —

— IATF 16949 certification —

— UL certification —

— CQC certification —

— TUV certification —

— RoHS certification —

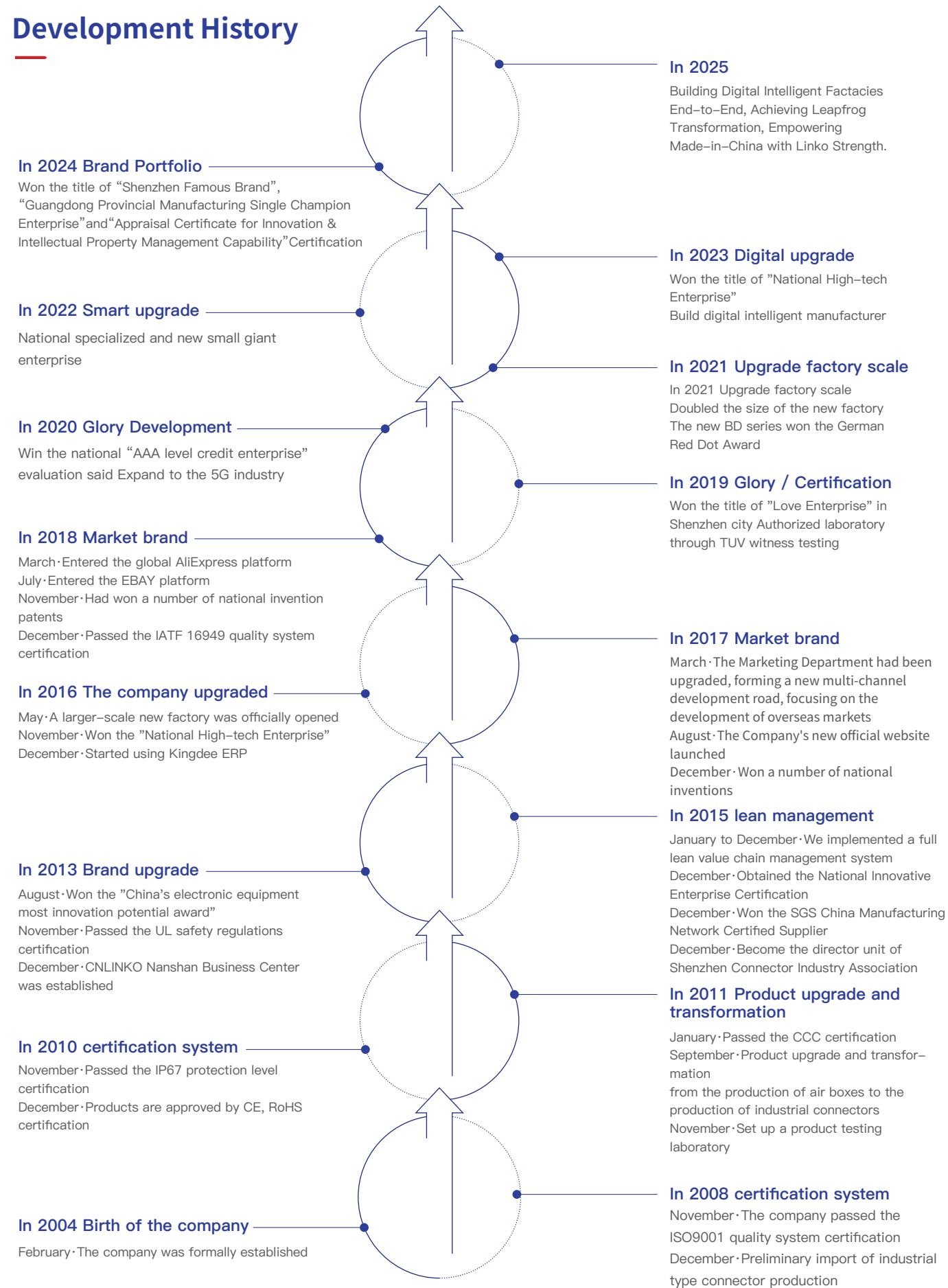
— CE certification —

— Witness Lab —

Manufacturer of Industrial Waterproof Connector With High Reliability



Development History



Engineering R&D Team

Passion makes our technical innovation constantly extend, rigorous makes our product quality more guaranteed, excellent design team makes your ideas into reality, rigorous engineering development process makes every step into order; international cutting-edge material supply guarantees the quality of every product; making your products more added value is our constant mission!

- ✓ Innovation ability
- ✓ design ability
- ✓ test and verification ability
- ✓ specification and collaboration
- ✓ team contribution



Engineering process





Production Overview



Quality



Rigorous APQP product quality management throughout the entire lifecycle, enabling one-click traceability.Critical processes under SPC control, with automated production ensuring superior consistency. Equipped with TÜV SÜD– and UL–accredited laboratories, guaranteeing all testing and inspection comply with international standards.

Delivery



Intelligent Manufacturing System with Stock–to–Flex Production Mode. Standard products delivered in 3–5 days from order to shipment. On–time delivery rate reaching 99%.

Manufacture



Order + Inventory Hybrid Production Model Daily output exceeding 40,000 sets to fully meet delivery demands. Dual–driven by Lean Production and Intelligent Manufacturing, combining automated flexible lines with cellular manufacturing to satisfy diverse customer requirements.

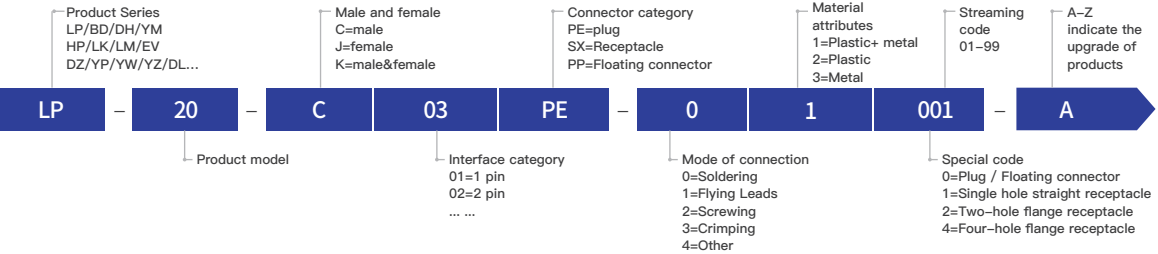
Cost



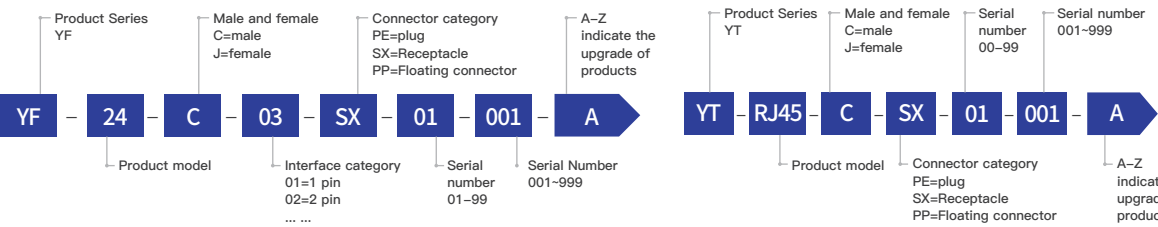
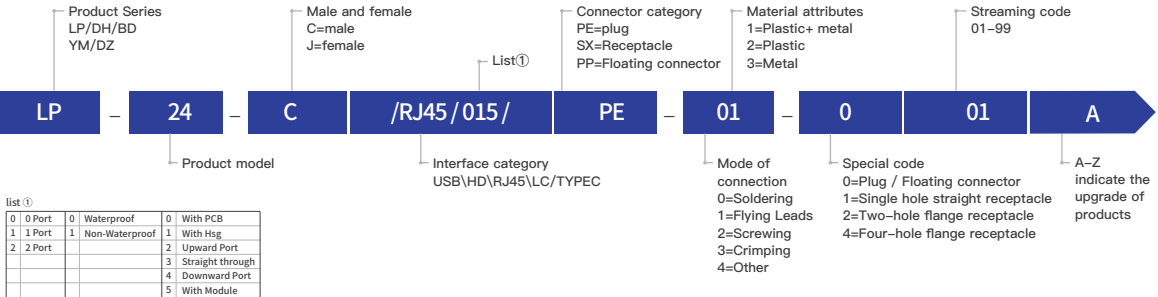
Full–process implementation of Digital Intelligent Lean Production, driving continuous improvement and ongoing manufacturing cost optimization. SRM system deployment to strengthen supply chain integrity and strategic supplier partnerships, building a supply chain that excels in both quality and cost competitiveness.

Coding Principle

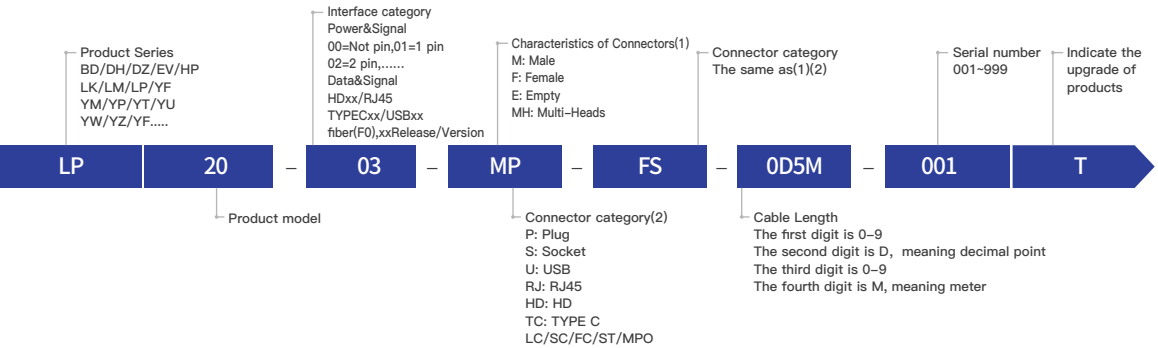
Category 1: Connector



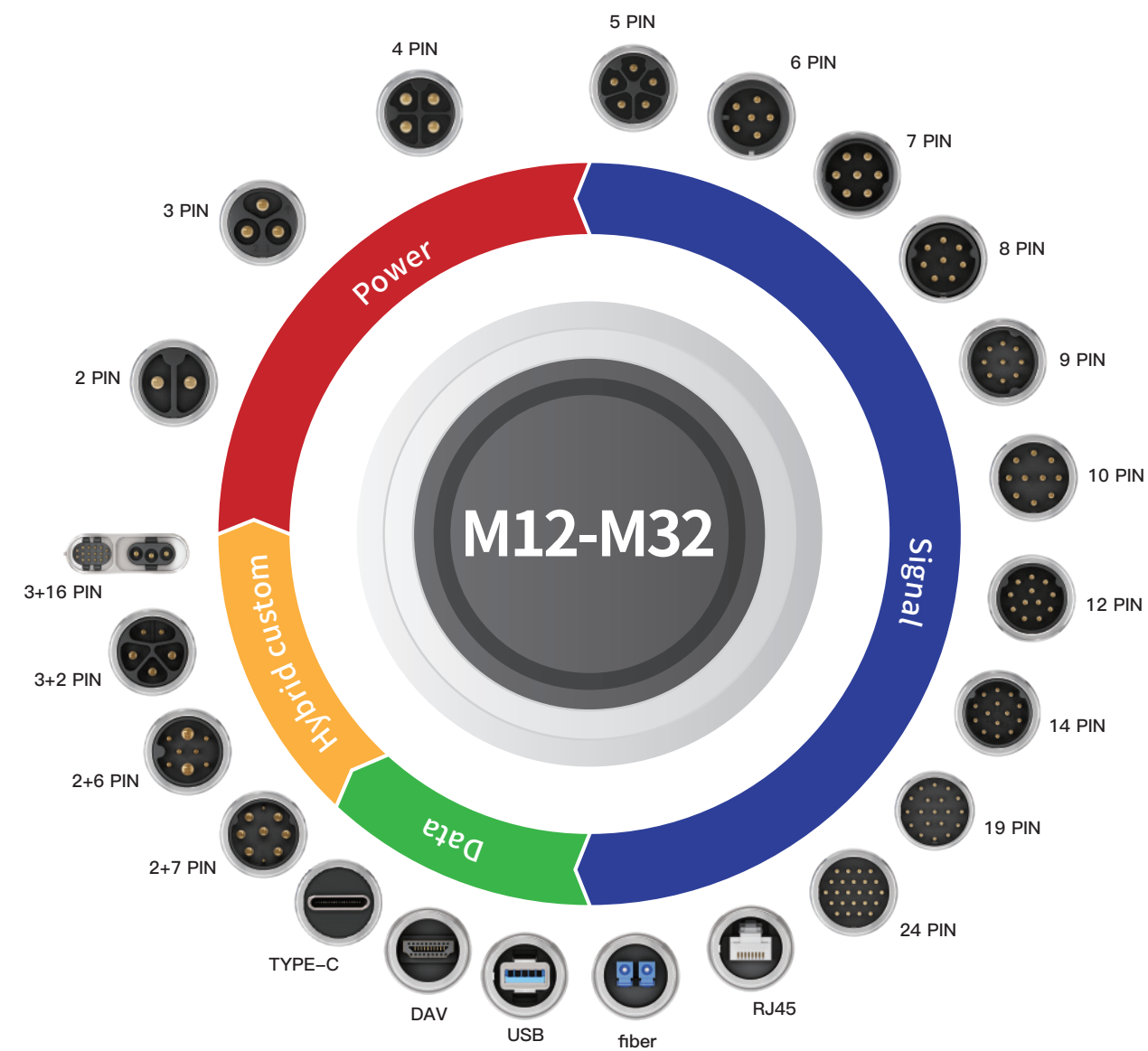
* Different codes for reference standard generic data and signal interfaces such as USB \ DAV \ RJ45 \ fiber for instance:



Category 2: Cable Assembly



Comprehensive Product



Case Presentation

Laser Equipment

The laser industry is currently a rapidly developing high-tech field, and laser technology has derived a variety of advanced laser equipment through integration with other industries. With high current-carrying capacity, high waterproofing, high corrosion resistance and high flame retardancy, CNLINKO's industrial grade connectors can fit the technical requirements of laser equipment for connectors in field applications.

Project Cases: Laser welding machine, laser clearing machine, laser cutting equipment

Representative product: LP series, DH24 series, YM series, BD series



Manufacturer of Industrial Waterproof Connector With High Reliability



Intelligent Monitoring for Vehicle

Intelligent transportation roadside equipment is one of the important components of modern transportation facilities, which can real-time intelligent monitoring of road traffic conditions. CNLINKO industrial grade connector has the characteristics of vibration and shock resistance, water and dust double-proof, anti-corrosion, high and low temperature resistance, easy to plug and unplug, etc., which can meet the roadside equipment in the road environment faced with the vehicle vibration, outdoor rain and fog, automobile exhaust, severe temperature, easy to install and easy to dismantle, and other performance requirements.

Project Cases:

Intelligent monitoring equipment, mine monitoring, transmission and transformation line monitoring equipment

Representative product:

DH series, DZ series, DH24 series, BD series, LP series



Mobile Energy Storage Device

With the rapid rise of battery energy storage and mobile power solutions, ensuring connection reliability and ease of use across diverse environments is paramount. CNLINKO high-reliability industrial connectors offer exceptional high-current handling, waterproof & corrosion resistance, and user-friendly installation—fully addressing the key requirements of energy storage applications: high amperage, superior protection, secure locking, and quick connect/disconnect.

Project Cases: Outdoor Energy Storage Systems, Inverters, Portable Power Stations

Representative product: LP series, YT-RJ45, LP24 series, YM series



Manufacturer of Industrial Waterproof Connector With High Reliability



Medical Device

Medical equipment on the connector is the most important waterproof, anti-corrosion, safe, and easy to use, which is the medical equipment of their application scenarios and functional requirements of the decision. CNLINKO industrial grade connectors usually use a plastic shell design, with high anti-corrosion, high waterproof, anti-vibration and anti-shock characteristics, snap type or screw bayonet connection structure, easy for medical staff and maintenance personnel to quickly install and insert, more efficient and simple.

Project Cases:

Medical diagnostic equipment

Representative product:

YM series, LP16 series

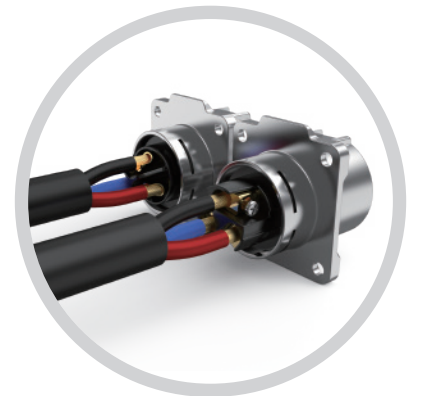


Photographic Equipment-Flood Light

With the rise and fire of short videos, live broadcasts and other emerging industries, photography fills light and other equipment are also popular in response, and the demand for connectors has also risen. CNLINKO's highly reliable industrial grade waterproof connectors can provide stable and efficient connection of power, signal and data for fill light and other photographic equipment, quick installation features, easy plug and play, and efficient transitions.

Project Cases: Photographic lighting equipment, fill light

Representative product: LP series, YF series, BD series, YU-USB、YM series



Manufacturer of Industrial Waterproof Connector With High Reliability



Photovoltaic Industry

Photovoltaic, as a representative of new energy, has a generally favorable development prospect. PV systems usually include solar panels, inverters, Grid-connected box and other components, which require highly reliable electrical connections. CNLINKO's highly reliable industrial grade waterproof connectors, designed and manufactured based on industrial grade standards, can meet the connection technology requirements of high reliability, resistance to harsh environments, excellent electrical performance, safety and easy installation.

Project Cases:

Grid-connected box, photovoltaic racking

Representative product:

LP series, LP16 series, YU-USB、BD series



Smart Landing Pad

In recent years, the low-altitude economy has rapidly emerged and attracted significant attention. Within low-altitude application scenarios, smart landing pads serve as critical infrastructure. Their power supply, communication, and navigation modules all require highly reliable electrical connections.

CNLINKO's industrial-grade waterproof connectors, thanks to their industrial-grade protection, vibration and impact resistance, and high/low-temperature tolerance, meet the stable power supply and data transmission demands of landing pads in complex outdoor environments. This ensures the safe and reliable operation of the entire system.

Project Cases: Smart Landing Pad

Representative product: LP Series 3-Pin Connector & RJ45 Connector



Distribution Box Industry



As distribution boxes become increasingly compact with limited wiring space, compact high-current connectors are emerging as a current and future trend. The CNLINKO DL28 series industrial connector, with its size nearly half that of the standard IEC60309 plug, excels due to its compact design, high-current capability, and "dual-lock" mechanism, making it an ideal choice for upgrading distribution boxes.

Project Cases:

Outdoor distribution boxes, Industrial distribution boxes

Marine distribution boxes

Representative product:

DL28



LP

SERIES

LP Shortcut
Waterproof Connector

LP waterproof connector application type

CNLINKO's LP series multi-application waterproof connector adopts its own patented snap-button connection method, which can realize one-key unplugging and one-handed operation, and is suitable for various fast and efficient operation scenarios. It adopts multiple patented waterproof structure design, which has high waterproof performance and can avoid the intrusion of external water liquid; the overall appearance design of this series is simple and elegant, in line with the principle of ergonomic design, and can meet the requirements of anti-interference, high strength, and high corrosion resistance in different scenarios.

• Series product information:

Series code:	LP- 12 \ LP- 16 \ LP- 20 \ LP- 24 \ LP- 28 \ LP- 32
Hole size:	Please refer to the external dimension drawing for detailed hole size.
Application types:	Multi-pin type (2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 19, 24 pin and customized 3+2, 2+6, 2+7, 2+1+5 pin, etc.) Signal (RJ45, optical fiber) Data (USB2.0, USB3.0, DAV2.0,DAV2.1, Type-C)
Material type:	Plastic type, plastic + metal type, metal type

• Introduction:

Product types include power, multi-pin, hybrid, USB2.0, USB3.0, DAV, Type-c, RJ45, optical fiber nine types. Plastic shell, light weight, good toughness, metal shell, high impact strength, using snap-lock, one-handed operation, simple operation, safe and reliable.

• Main body material, process and surface treatment:

Shell:	Material: Engineering Plastic/Metal	Surface treatment: Chrome plating
	Production Process: Die-casting and injection	

• Module material, process and surface treatment:

Contact:	Material: Male/Female Pin (Copper Alloy)	Production Process: Machining & Stamping
	Surface Treatment: Plated in Gold/Silver	
LC Fiber Contact Material:	Male/Female end (High Modulus Glass Fiber)	
Insulator:	Material: Engineering Plastic	Production process: injection molding

• Packaging and Storage:

The product is in a sealed bag, with a small box in the large box, and a label on the small box. The label indicates the product name, model, batch number, and number of products. Packaged products are recommended to be stored in a warehouse with an ambient temperature of 25°C±3°C,a relative humidity of ≤75%, and no acidic, alkaline and other corrosive gases in the surrounding air. Other storage environments may affect product life.

• Check the official website LP series area:

Scan the QR code below to check the LP area of CNLINKO's official website. If you have any doubts, you can contact the online customer service for more detailed product information.



LP Series Overview



LP Series Installation Guide



Applications



LP-24 series products are used in a mechanical equipment control box

Features Overview



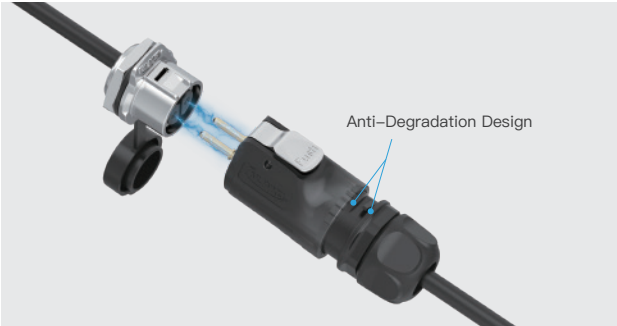
Easy to use, fast and convenient
LP series adopts snap connection design, easy to use, one-handed operation, fast and convenient.



High waterproof performance
The product can reach the IP68/IPX9K protection level.

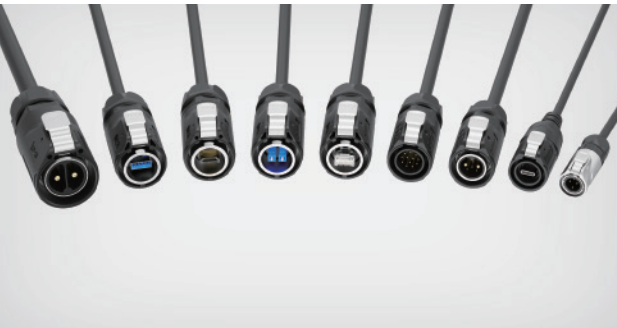


Cold and heat resistance
Can adapt to a wide range of high and low temperature -40~+120°C.



More efficient and reliable transmission
The contact parts are made of high-end imported copper alloy, and the surface is gold-plated to ensure long-term stability of the contact resistance value and efficient and reliable transmission performance of the connector.

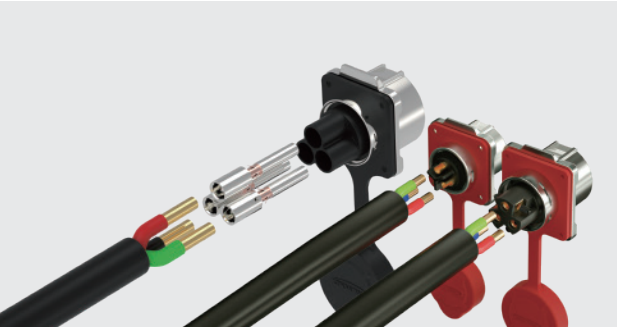
Type and Style



Multiple styles
All-plastic/all-metal/semi-metal three types are available, which can meet the differentiated needs of users for high corrosion resistance, anti-interference, and high strength.



Flexible installation
The LP series has four installation methods: single-hole threaded receptacle, four-hole flange receptacle, two-hole flange receptacle, and floating connection. Users can choose according to actual application scenarios.



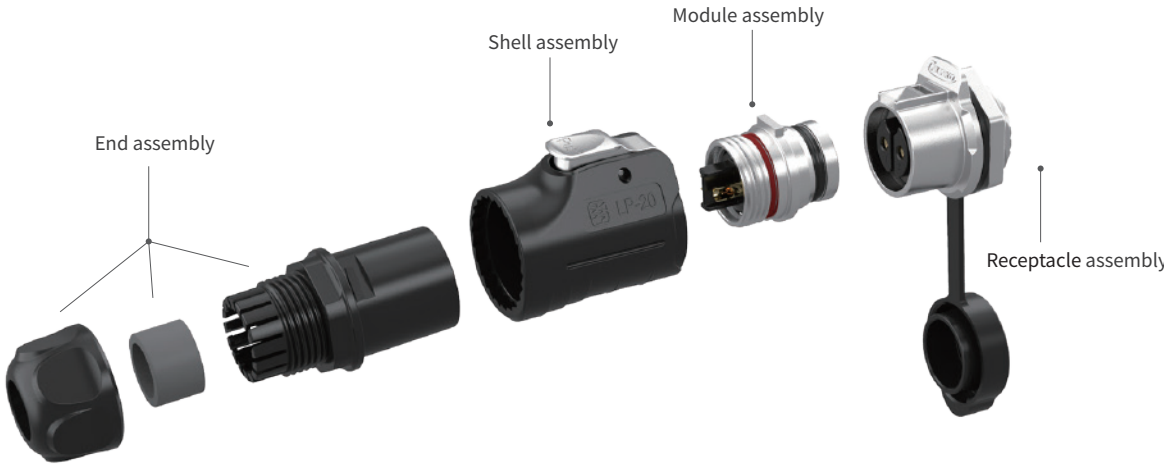
Users can choose a variety of wiring methods
The LP Series offers three connection types: screw clamping, soldering, and crimping. The screw terminal allows for quick and easy installation, soldering ensures a more robust connection, while crimping combines both speed and high reliability.



Color can be customized, your exclusive style
The LP series can now provide customized services in white, blue and other colors of the shell body to meet the personalized needs of users.

Product Structure Image

Dozens of high-quality parts are precisely engaged to ensure the safety and stability of the connector.



Series Infographic



LP-12 Series Information Overview			P23
Product application type:	Power: 2/3/4/5 pin		
	Signal: 6/7/8 pin		
	Voltage Rating: 125V(2~6 pin), 100V(7~8 pin)		Current Rating: 5A(2~6 pin), 3A(7~8 pin)
Cable O.D:	Multi-pin type: Φ3.5~4.5mm, Φ4.5~5.5mm , Φ5.5~6.5mm		
Details page:	Product Parameter Map: P23		Dimension Drawing: P27

LP-16 Series Information Overview			P31
Product application type:	Power: 2/3/4/5 pin	Data: Type-c	
	Signal: 7/8/9 pin		
	Voltage Rating: 400V(2~4pin), 250V(5, 7~9 pin); Current Rating: 10A(2~4 pin), 5A (5, 7~9 pin)		
Cable O.D:	Multi-pin type: Φ3.0~5.0mm, Φ5.0~7.0mm, Φ7.0~9.0mm		
Details page:	Product Parameter Map: P31		Dimension Drawing: P37

LP-20 Series Information Overview			P39
Product application type:	Power: 2/3/4/5 pin		
	Signal: 7/9/12/14 pin, RJ45		
	Data: USB2.0/USB3.0		
	Voltage Rating: 500V(2~5, 7 pin), 300V(5 pin), 250V(8 pin hybrid, 9, 12, 14 pin) Current Rating: 20A(2~4 pin, 10A(5, 7 pin), 20A+5A(8 pin hybrid), 10A+5A(5 pin hybrid), 5A(9, 12, 14 pin)		
Cable O.D:	Multi-pin type: Φ5.0~6.5mm, Φ6.5~8.5mm, Φ8.5~10.0mm, Φ10.0~12.0mm		
Details page:	Product Parameter Map: P39	Dimension Drawing: P50	

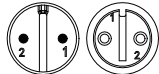
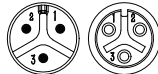
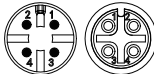
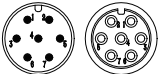
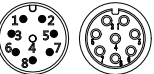
LP-24 Series Information Overview			P53
Product application type:	Power: 2/3/4 pin	Signal: 10/12/19/24 pin, RJ45, Optical fiber	
	Data: USB, DAV		
	Voltage Rating: 500V(2~4 pin), 400V(10, 12 pin), 300V(2, 3 pin), 250V(19, 24 pin), 230V(3 pin) Current Rating: 45A(3 pin), 35A(2, 3 pin), 25A(2~4 pin), 10A(10, 12 pin), 5A(19, 24 pin)		
Cable O.D:	Multi-pin type: Φ5.0~7.0mm, Φ7.0~10.5mm, Φ10.5~14.0mm		
Data type:	Multi-pin type: Φ5.0~Φ7.0mm(USB, DAV)		
Signal type:	Multi-pin type: Φ5.0~Φ7.0mm(RJ45), Φ4.5~Φ6.0mm(optical fiber)		
Details page:	Product Parameter Map: P53		Dimension Drawing: P56

LP-28 Series Information Overview			P57
Product application type:	Power: 2/3 pin		
	Signal: 8 pin, 2+7 pin		
	Voltage Rating: 500V(2~3 pin), 300V(8 pin); Current Rating: 50A(2, 3 pin), 15A(8 pin)		
Cable O.D:	Multi-pin type: Φ10.0~15.0mm, Φ15.0~17.5mm, Φ17.5~20.5mm		
Details page:	Product Parameter Map: P57	Dimension Drawing: P58	

LP-32 Series Information Overview			P59
Product application type:	Power: 3/5 pin		
	Voltage Rating: 500V; Current Rating: 100A(3 pin),50A(5 pin)		
Cable O.D:	Multi-pin type: Φ23.0~26.0mm		
Details page:	Product Parameter Map: P59	Dimension Drawing: P60	

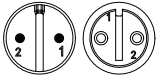
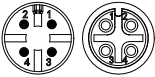
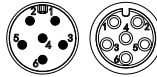
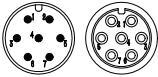
LP-12 Datasheet

LP-12

LP12 Power/Signal	Product Series		LP-12																	
	Pin Number		2PIN		3PIN			4PIN		5PIN		6PIN		7PIN		8PIN				
	Contact Layout		 Male	 Female	 Male	 Female	 Male	 Female		 Male	 Female	 Male	 Female	 Male	 Female	 Male	 Female	 Male	 Female	
	Current Rating(A)		5		5		5			5		5		5		3		3		
	Voltage Rating(V)		125		125		125			125		125		125		100		100		
	Cable O.D(mm)		φ3.0~φ5.0		φ5.0~φ7.0		(Configuration Options)													
	Wire Gauge		0.34~0.5mm ² /22~20AWG		0.34~0.5mm ² /22~20AWG		0.34~0.5mm ² /22~20AWG			0.34~0.5mm ² /22~20AWG		0.34~0.5mm ² /22~20AWG		0.34~0.5mm ² /22~20AWG		0.25~0.34mm ² /24~22AWG		0.25~0.34mm ² /24~22AWG		
	Protection Level		Connection Status IP68/IPX9K																	
	Terminal Type Other		Soldering		Soldering		Screwing			Soldering		Soldering		Soldering		Soldering		Soldering		
Illustration	Material	Part No																		
Plug	Plastic	Male	LP-12-C02PE-02-001	LP-12-C03PE-02-001	LP-12-C03PE-22-003		LP-12-C04PE-02-001	LP-12-C05PE-02-001	LP-12-C06PE-02-001	LP-12-C07PE-02-001	LP-12-C08PE-02-001									
		Female	LP-12-J02PE-02-004	LP-12-J03PE-02-004	—		LP-12-J04PE-02-004	LP-12-J05PE-02-004	LP-12-J06PE-02-004	LP-12-J07PE-02-004	LP-12-J08PE-02-004									
In-line receptacle		Female	LP-12-J02PP-02-001	LP-12-J03PP-02-001	LP-12-J03PP-22-001		LP-12-J04PP-02-001	LP-12-J05PP-02-001	LP-12-J06PP-02-001	LP-12-J07PP-02-001	LP-12-J08PP-02-001									
		Male	LP-12-C02PP-02-003	LP-12-C03PP-02-003	—		LP-12-C04PP-02-003	LP-12-C05PP-02-003	LP-12-C06PP-02-003	LP-12-C07PP-02-003	LP-12-C08PP-02-003									
Single hole straight receptacle		Female	LP-12-J02SX-02-101	LP-12-J03SX-02-101	LP-12-J03SX-22-101		LP-12-J04SX-02-101	LP-12-J05SX-02-101	LP-12-J06SX-02-101	LP-12-J07SX-02-101	LP-12-J08SX-02-101									
		Male	LP-12-C02SX-02-104	LP-12-C03SX-02-104	—		LP-12-C04SX-02-104	LP-12-C05SX-02-104	LP-12-C06SX-02-104	LP-12-C07SX-02-104	LP-12-C08SX-02-104									
Four-hole flange receptacle		Female	LP-12-J02SX-02-401	LP-12-J03SX-02-401	LP-12-J03SX-22-401		LP-12-J04SX-02-401	LP-12-J05SX-02-401	LP-12-J06SX-02-401	LP-12-J07SX-02-401	LP-12-J08SX-02-401									
		Male	LP-12-C02SX-02-404	LP-12-C03SX-02-404	—		LP-12-C04SX-02-404	LP-12-C05SX-02-404	LP-12-C06SX-02-404	LP-12-C07SX-02-404	LP-12-C08SX-02-404									

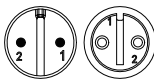
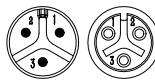
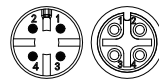
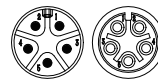
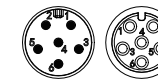
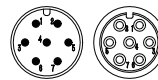
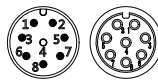
LP-12 Datasheet

LP-12(90°)

LP12 Power/Signal	Product Series		LP-12							
	Pin Number		2PIN	3PIN	4PIN		5PIN	6PIN	7PIN	8PIN
	Contact Layout		 Male Female	 Male Female	 Male Female		 Male Female	 Male Female	 Male Female	 Male Female
	Current Rating(A)		5	5	5		5	5	3	3
	Voltage Rating(V)		125	125	125		125	125	100	100
	Cable O.D(mm)		φ3.5~φ4.5	φ4.5~φ5.5 φ5.5~φ6.5	(Configuration Options)		φ3.5~φ4.5 φ4.5~φ5.5	φ4.5~φ5.5 φ5.5~φ6.5	(Configuration Options)	
	Wire Gauge		0.34~0.5mm²/22~20AWG	0.34~0.5mm²/22~20AWG	0.34~0.5mm²/22~20AWG		0.34~0.5mm²/22~20AWG	0.34~0.5mm²/22~20AWG	0.25~0.34mm²/24~22AWG	0.25~0.34mm²/24~22AWG
	Protection Level		Connection Status IP68/IPX9K				Connection Status IP68/IPX9K			
	Terminal Type Other		Soldering	Soldering	Soldering		Soldering	Soldering	Soldering	Soldering
Illustration	Material	Part No								
Plug	Plastic	Male	LP-12-C02PE-02-015	LP-12-C03PE-02-015	LP-12-C04PE-02-015		LP-12-C05PE-02-015	LP-12-C06PE-02-009	LP-12-C07PE-02-015	LP-12-C08PE-02-015
		Female	LP-12-J02PE-02-xxx	LP-12-J03PE-02-xxx	LP-12-J04PE-02-xxx		LP-12-J05PE-02-xxx	LP-12-J06PE-02-xxx	LP-12-J07PE-02-xxx	LP-12-J08PE-02-xxx
Single hole straight receptacle		Female	LP-12-J02SX-02-101	LP-12-J03SX-02-101	LP-12-J04SX-02-101		LP-12-J05SX-02-101	LP-12-J06SX-02-101	LP-12-J07SX-02-101	LP-12-J08SX-02-101
		Male	LP-12-C02SX-02-104	LP-12-C03SX-02-104	LP-12-C04SX-02-104		LP-12-C05SX-02-104	LP-12-C06SX-02-104	LP-12-C07SX-02-104	LP-12-C08SX-02-104
Four-hole flange receptacle		Female	LP-12-J02SX-02-401	LP-12-J03SX-02-401	LP-12-J04SX-02-401		LP-12-J05SX-02-401	LP-12-J06SX-02-401	LP-12-J07SX-02-401	LP-12-J08SX-02-401
		Male	LP-12-C02SX-02-404	LP-12-C03SX-02-404	LP-12-C04SX-02-404		LP-12-C05SX-02-404	LP-12-C06SX-02-404	LP-12-C07SX-02-404	LP-12-C08SX-02-404

 LP-12 Datasheet

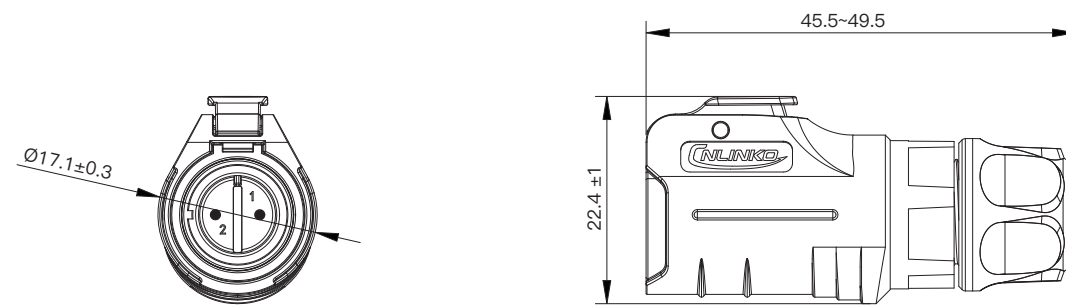
LP-12

LP12 Power/Signal	Product Series		LP-12											
	Pin Number		2PIN		3PIN			4PIN		5PIN	6PIN	7PIN	8PIN	
	Contact Layout		 Male Female	 Male Female	 Male Female		 Male Female	 Male Female	 Male Female	 Male Female	 Male Female			
	Current Rating(A)		5		5		5	5		5	3	3		
	Voltage Rating(V)		125		125		125	125		125	100	100		
	Cable O.D(mm)		φ3.5~φ4.5 φ4.5~φ5.5 φ5.5~φ6.5 (Configuration Options)		φ3.5~φ4.5 φ4.5~φ5.5 φ5.5~φ6.5 (Configuration Options)		φ3.5~φ4.5 φ4.5~φ5.5 φ5.5~φ6.5 (Configuration Options)		φ3.5~φ4.5 φ4.5~φ5.5 φ5.5~φ6.5 (Configuration Options)					
	Wire Gauge		0.34~0.5mm ² /22~20AWG		0.34~0.5mm ² /22~20AWG		0.34~0.5mm ² /22~20AWG		0.34~0.5mm ² /22~20AWG		0.25~0.34mm ² /24~22AWG		0.25~0.34mm ² /24~22AWG	
	Protection Level		Connection Status IP68/IPX9K											
	Terminal Type Other		Soldering		Soldering		Screwing		Soldering		Soldering	Soldering	Soldering	Soldering
Illustration	Material	Part No												
Plug	Metal	Male	LP-12-C02PE-03-001	LP-12-C03PE-03-001	LP-12-C03PE-21-002		LP-12-C04PE-03-001	LP-12-C05PE-03-001	LP-12-C06PE-03-001	LP-12-C07PE-03-001	LP-12-C08PE-03-001			
		Female	—	—	—		—	—	—	—	—			
In-line receptacle	Plastic + Metal	Female	LP-12-J02PP-01-001	LP-12-J03PP-01-001	LP-12-J03PP-21-002		LP-12-J04PP-01-001	LP-12-J05PP-01-001	LP-12-J06PP-01-001	LP-12-J07PP-01-001	LP-12-J08PP-01-001			
		Male	—	—	—		—	—	—	—	—			
Single hole straight receptacle	Metal	Female	LP-12-J02SX-03-101	LP-12-J03SX-03-101	LP-12-J03SX-23-101		LP-12-J04SX-03-101	LP-12-J05SX-03-101	LP-12-J06SX-03-101	LP-12-J07SX-03-101	LP-12-J08SX-03-101			
		Male	—	—	—		—	—	—	—	—			
Four-hole flange receptacle		Female	LP-12-J02SX-03-401	LP-12-J03SX-03-401	LP-12-J03SX-23-401		LP-12-J04SX-03-401	LP-12-J05SX-03-401	LP-12-J06SX-03-401	LP-12-J07SX-03-401	LP-12-J08SX-03-401			
		Male	—	—	—		—	—	—	—	—			

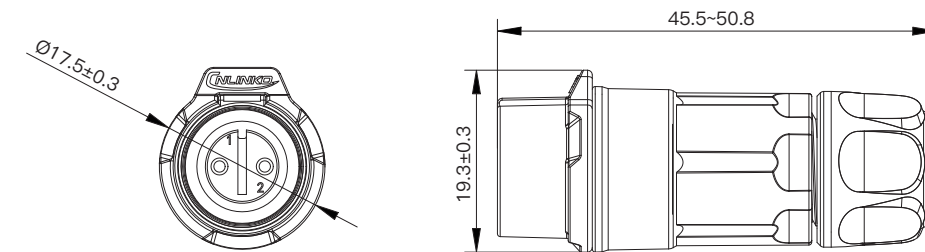
Manufacturer of Industrial Waterproof Connector With High Reliability

LP-12 Dimension Drawing (unit: mm)

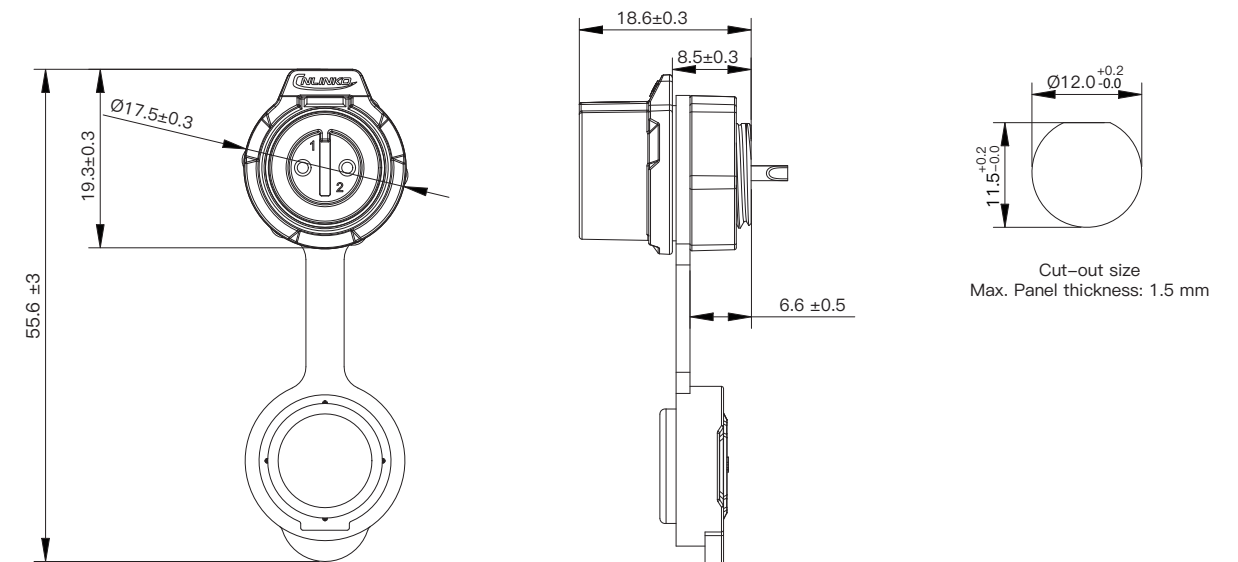
Plastic Plug/Plastic+Metal plug



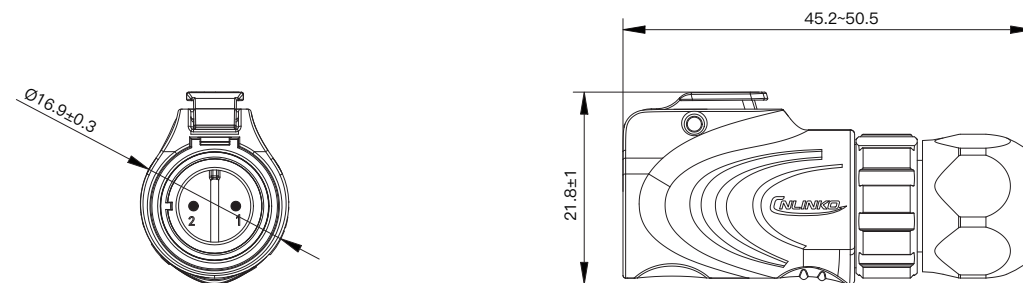
Plastic In-line receptacle/Plastic+Metal In-line receptacle



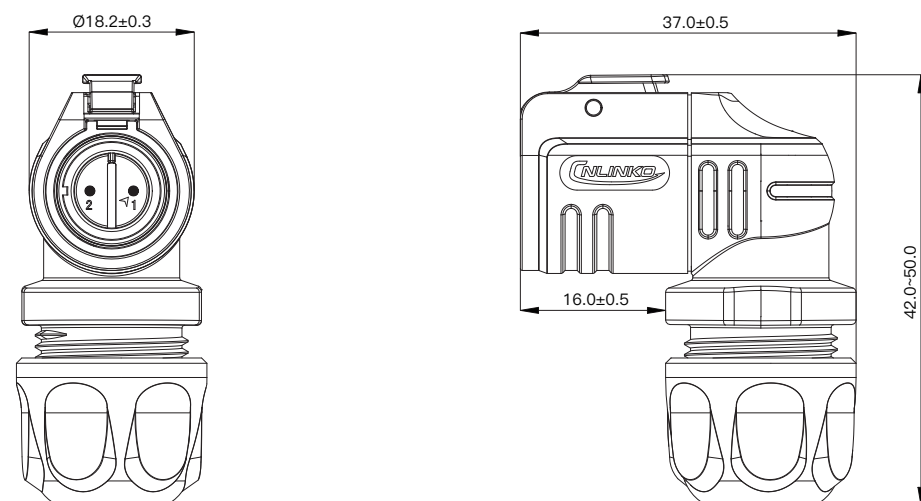
Plastic single hole straight receptacle/Plastic+Metal single hole straight receptacle



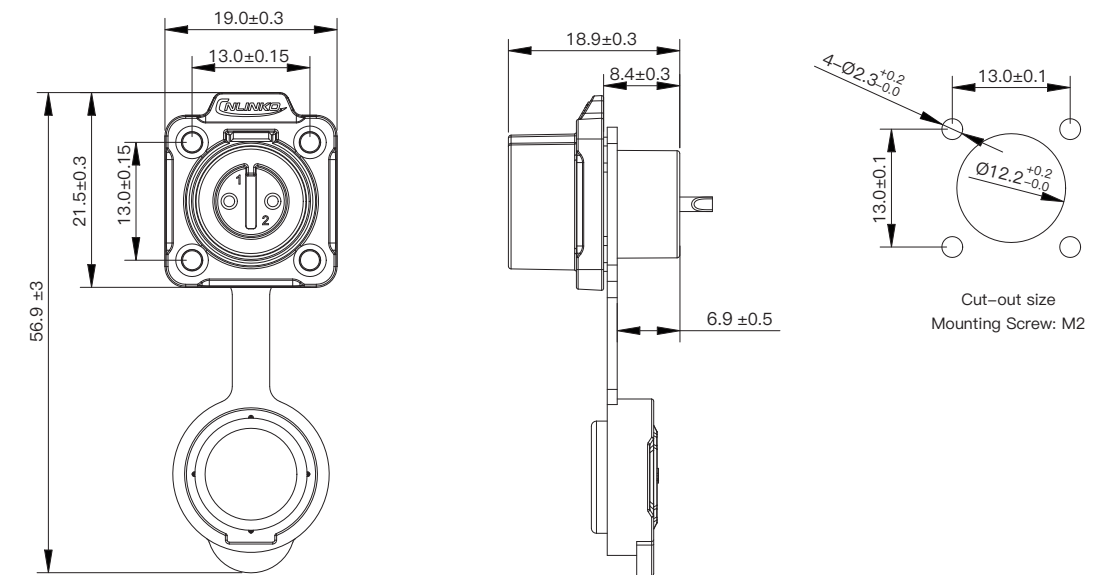
Metal plug



Plastic Plug 90°



Plastic four-hole flange receptacle/Plastic+Metal four-hole flange receptacle



LP-16 Datasheet

LP-16

LP16 Power/Signal	Product Series		LP-16																									
	Pin Number		2PIN		3PIN		4PIN		5PIN		7PIN		8PIN		9PIN		RJ45		Type- C		—							
	Contact Layout		 Male Female		 Male Female		 Male Female		 Male Female		 Male Female		 Male Female		 Male Female				 —									
	Current Rating(A)		10		10		10		5		5		5		5		1.5		5		—							
	Voltage Rating(V)		400		400		400		250		250		250		250		125		20		—							
	Cable O.D(mm)		φ3.0~φ5.0		φ5.0~φ7.0		φ7.0~φ9.0		(Configuration Options)										φ3.0~φ5.0		φ5.0~φ7.0		φ7.0~φ9.0		(Configuration Options)		—	
	Wire Gauge		1.0~1.5mm²/ 18~16AWG		1.0~1.5mm²/ 18~16AWG		1.0~1.5mm²/ 18~16AWG		0.34~0.5mm²/22~20AWG				0.34~0.5mm²/22~20AWG		0.34~0.5mm²/22~20AWG		0.34~0.5mm²/22~20AWG		—		—		—					
	Protection Level		Connection Status IP68/IPX9K																				Connection Status IP68/IPX9K		—			
	Terminal Type Other		Soldering/Screwing		Soldering/Screwing		Soldering		Soldering				Soldering		Soldering		Soldering		CAT.3~CAT.6		GEN1(5Gbps) GEN2(10Gbps)							
Illustration		Material	Part No										Part No															
Plug 		Plastic	Male	LP-16-C02PE-02-001	LP-16-C03PE-02-001	LP-16-C04PE-02-001	LP-16-C05PE-02-001	LP-16-C07PE-02-001				LP-16-C08PE-02-001	LP-16-C09PE-02-001	LP-16-C/RJ45/015/ PE-42-001	LP-16-TYPEC-MP-MP -1M-002	—												
			Female	LP-16-J02PE-02-001	LP-16-J03PE-02-001	LP-16-J04PE-02-001	LP-16-J05PE-02-001	LP-16-J07PE-02-001				LP-16-J08PE-02-001	LP-16-J09PE-02-001	—		—		—										
In-line receptacle 			Female	LP-16-J02PP-02-001	LP-16-J03PP-02-001	LP-16-J04PP-02-001	LP-16-J05PP-02-001	LP-16-J07PP-02-001				LP-16-J08PP-02-001	LP-16-J09PP-02-001	LP-16-J/RJ45/213/ PP-42-062	—		—		—									
			Male	LP-16-C02PP-02-001	LP-16-C03PP-02-001	LP-16-C04PP-02-001	LP-16-C05PP-02-001	LP-16-C07PP-02-001				LP-16-C08PP-02-001	LP-16-C09PP-02-001	—		—		—										
Single hole straight receptacle 			Female	LP-16-J02SX-02-101	LP-16-J03SX-02-101	LP-16-J04SX-02-101	LP-16-J05SX-02-101	LP-16-J07SX-02-101				LP-16-J08SX-02-101	LP-16-J09SX-02-101	LP-16-J/RJ45/213/ SX-42-103	—		—		—									
			Male	LP-16-C02SX-02-101	LP-16-C03SX-02-101	LP-16-C04SX-02-101	LP-16-C05SX-02-101	LP-16-C07SX-02-101				LP-16-C08SX-02-101	LP-16-C09SX-02-101	—		LP-16-J/TYPE C31/ 215/SX-42-101		—										
Two-hole flange receptacle 			Female	—		—		—		—				—		—		LP-16-J/RJ45/113/ SX-02-201		—		—						
			Male	—		—		—		—				—		—		LP-16-J/RJ45/213/ SX-42-202		—		—						
Four-hole flange receptacle 			Female	LP-16-J02SX-02-401	LP-16-J03SX-02-401	LP-16-J04SX-02-401	LP-16-J05SX-02-401	LP-16-J07SX-02-401				LP-16-J08SX-02-401	LP-16-J09SX-02-401	—		LP-16-J/TYPE C31/ 215/SX-42-401		—										
			Male	LP-16-C02SX-02-401	LP-16-C03SX-02-401	LP-16-C04SX-02-401	LP-16-C05SX-02-401	LP-16-C07SX-02-401				LP-16-C08SX-02-401	LP-16-C09SX-02-401	—		—		—										

LP-16 Datasheet

LP-16

LP16 Power/Signal	Product Series		LP-16				LP-16																			
	Pin Number		2PIN		3PIN		4PIN		5PIN		7PIN		8PIN		9PIN		RJ45		Type- C		—					
	Contact Layout		 Male  Female		 Male  Female		 Male  Female		 Male  Female		 Male  Female		 Male  Female		 Male  Female						—					
	Current Rating(A)		10		10		10		5		5		5		5		1.5		5		—					
	Voltage Rating(V)		400		400		400		250		250		250		250		125		20		—					
	Cable O.D(mm)		φ3.0~φ5.0		φ5.0~φ7.0		φ7.0~φ9.0		(Configuration Options)		φ3.0~φ5.0		φ5.0~φ7.0		φ7.0~φ9.0		(Configuration Options)		—		—					
	Wire Gauge		1.0~1.5mm²/ 18~16AWG		1.0~1.5mm²/ 18~16AWG		1.0~1.5mm²/ 18~16AWG		0.34~0.5mm²/22~20AWG		0.34~0.5mm²/22~20AWG		0.34~0.5mm²/22~20AWG		0.34~0.5mm²/22~20AWG		—		—		—					
	Protection Level		Connection Status IP68/IPX9K										Connection Status IP68/IPX9K										—		—	
	Terminal Type Other		Soldering/Screwing		Soldering/Screwing		Soldering		Soldering		Soldering		Soldering		Soldering		CAT.3~CAT.6		GEN1(5Gbps) GEN2(10Gbps)		—					
Illustration		Material	Part No										Part No													
Plug		Metal	Male	LP-16-C02PE-03-001	LP-16-C03PE-03-001	LP-16-C04PE-03-001	LP-16-C05PE-03-001	LP-16-C07PE-03-001		LP-16-C08PE-03-001	LP-16-C09PE-03-001	LP-16-C/RJ45/015/ PE-43-001	—	—												
			Female	LP-16-J02PE-03-001	LP-16-J03PE-03-001	LP-16-J04PE-03-001	LP-16-J05PE-03-001	LP-16-J07PE-03-001		LP-16-J08PE-03-001	LP-16-J09PE-03-001	—	—	—												
In-line receptacle		Metal + Plastic	Female	LP-16-J02PP-01-001	LP-16-J03PP-01-001	LP-16-J04PP-01-001	LP-16-J05PP-01-001	LP-16-J07PP-01-001		LP-16-J08PP-01-001	LP-16-J09PP-01-001	—	—	—												
			Male	LP-16-C02PP-01-001	LP-16-C03PP-01-001	LP-16-C04PP-01-001	LP-16-C05PP-01-001	LP-16-C07PP-01-001		LP-16-C08PP-01-001	LP-16-C09PP-01-001	—	—	—												
Single hole straight receptacle		Metal	Female	LP-16-J02SX-03-101	LP-16-J03SX-03-101	LP-16-J04SX-03-101	LP-16-J05SX-03-101	LP-16-J07SX-03-101		LP-16-J08SX-03-101	LP-16-J09SX-03-101	—	LP-16-J/TYPEC31/ 215/SX-43-101	—												
			Male	LP-16-C02SX-03-101	LP-16-C03SX-03-101	LP-16-C04SX-03-101	LP-16-C05SX-03-101	LP-16-C07SX-03-101		LP-16-C08SX-03-101	LP-16-C09SX-03-101	—	—	—												
Four-hole flange receptacle			Female	LP-16-J02SX-03-401	LP-16-J03SX-03-401	LP-16-J04SX-03-401	LP-16-J05SX-03-401	LP-16-J07SX-03-401		LP-16-J08SX-03-401	LP-16-J09SX-03-401	LP-16-J/RJ45/210/ SX-03-401	LP-16-J/TYPEC31/ 215/SX-43-401	—												
			Male	LP-16-C02SX-03-401	LP-16-C03SX-03-401	LP-16-C04SX-03-401	LP-16-C05SX-03-401	LP-16-C07SX-03-401		LP-16-C08SX-03-401	LP-16-C09SX-03-401	—	—	—												

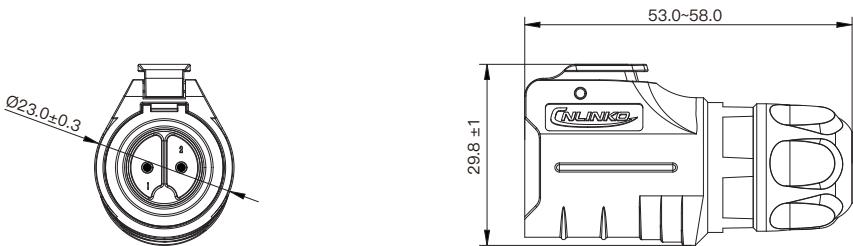
LP-16 Datasheet

LP-16

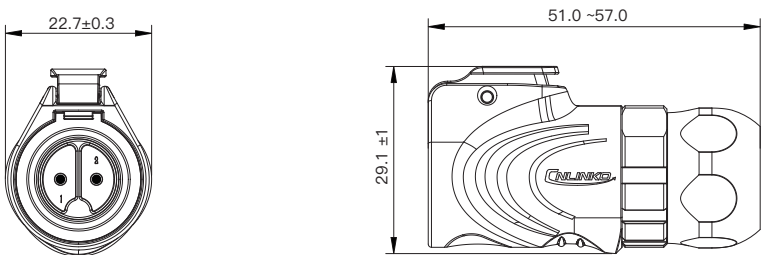
LP16 Power/Signal	Product Series		LP-16				LP-16																
	Pin Number		2PIN		3PIN		4PIN		5PIN		7PIN		8PIN		9PIN		—	—	—				
	Contact Layout		 Male	 Female	 Male	 Female	 Male	 Female	 Male	 Female	 Male		 Female	 Male	 Female	 Male	 Female	—	—	—			
	Current Rating(A)		10		10		10		5		5		5		5		—	—	—				
	Voltage Rating(V)		400		400		400		250		250		250		250		—	—	—				
	Cable O.D(mm)		φ3.0~φ5.0		φ5.0~φ7.0		φ7.0~φ9.0		(Configuration Options)						φ3.0~φ5.0		φ5.0~φ7.0		φ7.0~φ9.0 (Configuration Options)		—	—	—
	Wire Gauge		1.0~1.5mm²/ 18~16AWG		1.0~1.5mm²/ 18~16AWG		1.0~1.5mm²/ 18~16AWG		0.34~0.5mm²/22~20AWG		0.34~0.5mm²/22~20AWG		0.34~0.5mm²/22~20AWG		0.34~0.5mm²/22~20AWG		—	—	—				
	Protection Level		Connection Status IP68/IPX9K																—	—	—		
	Terminal Type Other		Soldering/Screwing		Soldering/Screwing		Soldering		Soldering		Soldering		Soldering		Soldering		—	—	—				
Illustration	Material	Part No																					
	Plastic + Metal	Male	LP-16-C02PE-01-001	LP-16-C03PE-01-001	LP-16-C04PE-01-001	LP-16-C05PE-01-001	LP-16-C07PE-01-001		LP-16-C08PE-01-001	LP-16-C09PE-01-001	—	—	—										
		Female	LP-16-J02PE-01-001	LP-16-J03PE-01-001	LP-16-J04PE-01-001	LP-16-J05PE-01-001	LP-16-J07PE-01-001		LP-16-J08PE-01-001	LP-16-J09PE-01-001	—	—	—										
		Female	LP-16-J02PP-01-001	LP-16-J03PP-01-001	LP-16-J04PP-01-001	LP-16-J05PP-01-001	LP-16-J07PP-01-001		LP-16-J08PP-01-001	LP-16-J09PP-01-001	—	—	—										
		Male	LP-16-C02PP-01-001	LP-16-C03PP-01-001	LP-16-C04PP-01-001	LP-16-C05PP-01-001	LP-16-C07PP-01-001		LP-16-C08PP-01-001	LP-16-C09PP-01-001	—	—	—										
	Metal	Female	LP-16-J02SX-03-101	LP-16-J03SX-03-101	LP-16-J04SX-03-101	LP-16-J05SX-03-101	LP-16-J07SX-03-101		LP-16-J08SX-03-101	LP-16-J09SX-03-101	—	—	—										
		Male	LP-16-C02SX-03-101	LP-16-C03SX-03-101	LP-16-C04SX-03-101	LP-16-C05SX-03-101	LP-16-C07SX-03-101		LP-16-C08SX-03-101	LP-16-C09SX-03-101	—	—	—										
		Female	LP-16-J02SX-03-401	LP-16-J03SX-03-401	LP-16-J04SX-03-401	LP-16-J05SX-03-401	LP-16-J07SX-03-401		LP-16-J08SX-03-401	LP-16-J09SX-03-401	—	—	—										
		Male	LP-16-C02SX-03-401	LP-16-C03SX-03-401	LP-16-C04SX-03-401	LP-16-C05SX-03-401	LP-16-C07SX-03-401		LP-16-C08SX-03-401	LP-16-C09SX-03-401	—	—	—										

— LP-16 Dimension Drawing (unit: mm)

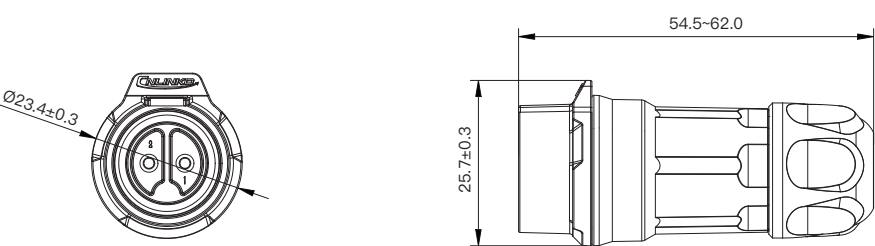
Plastic Plug/Plastic+Metal plug



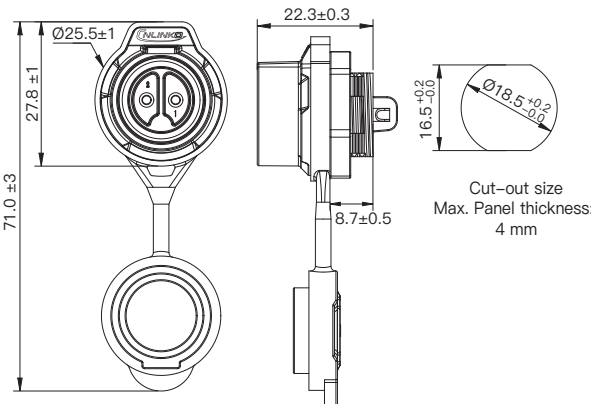
Metal plug



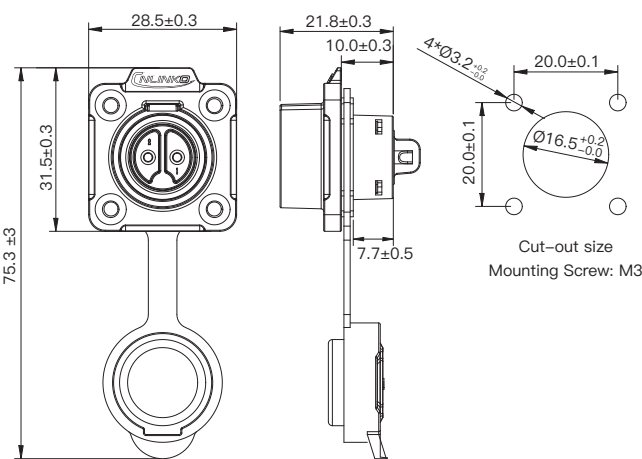
Plastic In-line receptacle/Plastic+Metal In-line receptacle



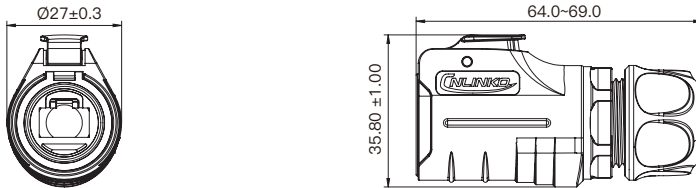
Plastic/Metal single hole straight receptacle



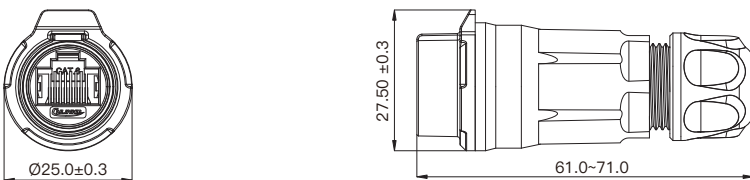
Plastic/Metal four-hole flange receptacle



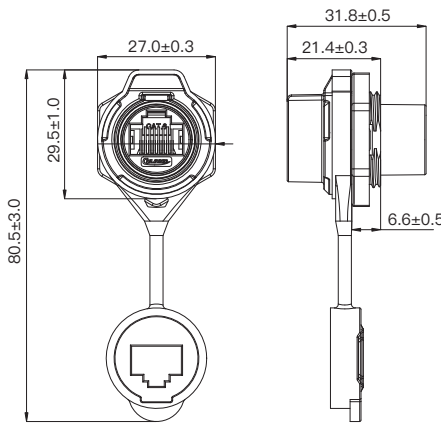
RJ45 Plastic Plug



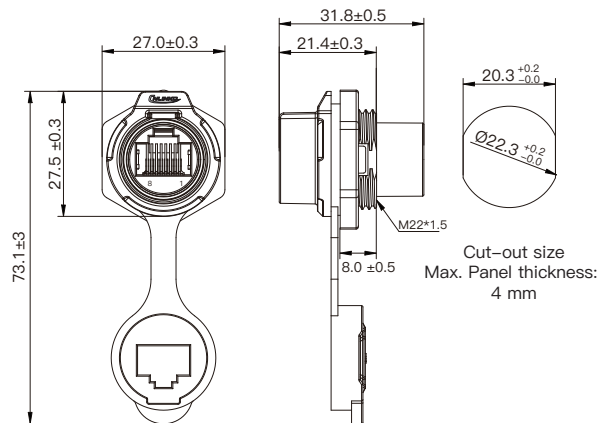
RJ45 Plastic In-line receptacle



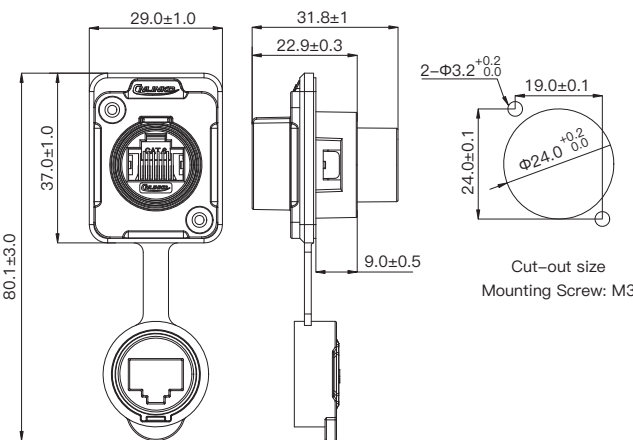
RJ45 Plastic single hole straight receptacle



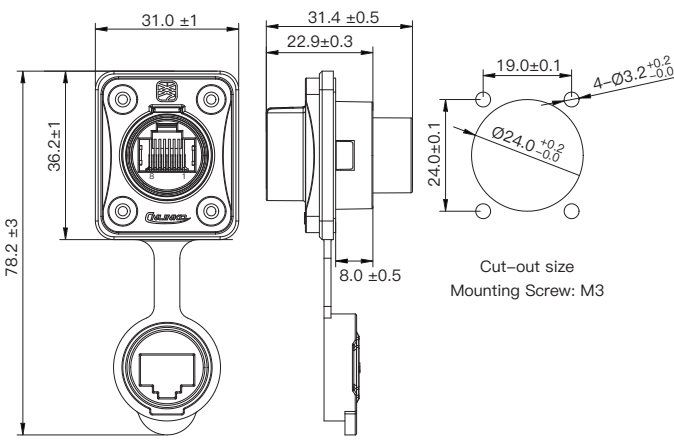
RJ45 Plastic single hole straight receptacle



RJ45 Plastic/Metal two-hole flange receptacle

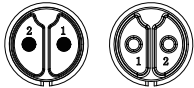
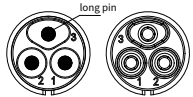
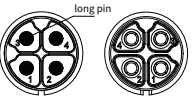
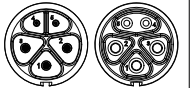
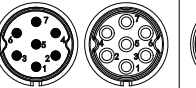
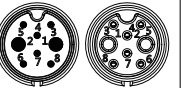
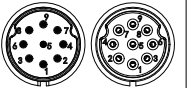
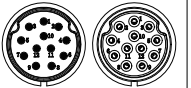
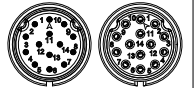


Metal four-hole flange receptacle



LP-20 Datasheet

LP-20

LP20 Power/Signal	Product Series		LP-20																					
	Pin Number		2PIN		3PIN		4PIN		5PIN		5PIN		7PIN		8PIN		9PIN		12PIN		14PIN		RJ45	
	Contact Layout		 Male Female		 Male Female		 Male Female		 Male Female		 Male Female		 Male Female		 Male Female		 Male Female		 Male Female		 Male Female			
	Current Rating(A)		20		20		20		10		10+5		10		20+5		5		5		5		1.5	
	Voltage Rating(V)		500		500		500		500		300		500		250		250		250		250		125	
	Cable O.D(mm)		φ5.0~φ6.5 φ6.5~φ8.5 φ8.5~φ10.0		φ10.0~φ12.0		(Configuration Options) φ5.0~φ6.5 φ6.5~φ8.5 φ8.5~φ10.0 φ10.0~φ12.0 (Configuration Options)																	
	Wire Gauge		2.5~4.0mm ² /14~12AWG		2.5~4.0mm ² /14~12AWG		2.5~4.0mm ² /14~12AWG		1.0~1.5mm ² / 18~16AWG		1.0~1.5mm ² / 18~16AWG 0.34~0.5mm ² /22~20AWG		1.0~1.5mm ² / 18~16AWG		2.5~4.0mm ² /14~12AWG 0.34~0.5mm ² /22~20AWG		0.34~0.5mm ² /22~20AWG		0.34~0.5mm ² /22~20AWG		0.34~0.5mm ² /22~20AWG			
	Protection Level		Connection Status IP68/IPX9K																					
	Terminal Type Other		Soldering/Screwing		Soldering/Screwing		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering		CAT.6	
Illustration	Material	Part No																						
Plug 	Metal	Male	LP-20-C02PE-03-001A	LP-20-C03PE-03-001A	LP-20-C04PE-03-001A	LP-20-C05PE-03-001A	LP-20-C05PE-03-0xxA		LP-20-C07PE-03-001A	LP-20-C08PE-03-001A	LP-20-C09PE-03-001A	LP-20-C12PE-03-001A	LP-20-C14PE-03-001A	—										
		Female	LP-20-J02PE-03-001A	LP-20-J03PE-03-001A	LP-20-J04PE-03-001A	LP-20-J05PE-03-001A	LP-20-J05PE-03-0xxA		LP-20-J07PE-03-001A	LP-20-J08PE-03-001A	LP-20-J09PE-03-001A	LP-20-J12PE-03-001A	LP-20-J14PE-03-001A	—										
In-line receptacle 	Metal + Plastic	Female	LP-20-J02PP-01-001A	LP-20-J03PP-01-001A	LP-20-J04PP-01-001A	LP-20-J05PP-01-001A	LP-20-J05PP-01-051A		LP-20-J07PP-01-001A	LP-20-C08PP-01-051A	LP-20-J09PP-01-001A	LP-20-J12PP-01-001A	LP-20-J14PP-01-001A	—										
		Male	LP-20-C02PP-01-001A	LP-20-C03PP-01-001A	LP-20-C04PP-01-001A	LP-20-C05PP-01-001A	LP-20-C05PP-01-0xxA		LP-20-C07PP-01-001A	LP-20-J08PP-01-001	LP-20-C09PP-01-001A	LP-20-C12PP-01-001A	LP-20-C14PP-01-xxxA	—										
Single hole straight receptacle 	Metal	Female	LP-20-J02SX-03-101A	LP-20-J03SX-03-101A	LP-20-J04SX-03-101A	LP-20-J05SX-03-101A	LP-20-J05SX-03-151A		LP-20-J07SX-03-101A	LP-20-C08SX-03-151	LP-20-J09SX-03-101A	LP-20-J12SX-03-101A	LP-20-J14SX-03-101A	—										
		Male	LP-20-C02SX-03-101A	LP-20-C03SX-03-101A	LP-20-C04SX-03-101A	LP-20-C05SX-03-101A	LP-20-C05SX-03-151A		LP-20-C07SX-03-101A	LP-20-J08SX-03-151	LP-20-C09SX-03-101A	LP-20-C12SX-03-101A	LP-20-C14SX-03-101A	—										
Two-hole flange receptacle 		Female	LP-20-J02SX-03-201A	LP-20-J03SX-03-201A	LP-20-J04SX-03-201A	LP-20-J05SX-03-201A	LP-20-J05SX-03-2xxA		LP-20-J07SX-03-201A	LP-20-C08SX-03-251	LP-20-J09SX-03-201A	LP-20-J12SX-03-201A	LP-20-J14SX-03-201A	—										
		Male	LP-20-C02SX-03-201A	LP-20-C03SX-03-201A	LP-20-C04SX-03-201A	LP-20-C05SX-03-201A	LP-20-C05SX-03-2xxA		LP-20-C07SX-03-201A	LP-20-J08SX-03-251	LP-20-C09SX-03-201A	LP-20-C12SX-03-201A	LP-20-C14SX-03-201A	—										
Four-hole flange receptacle 		Female	LP-20-J02SX-03-401A	LP-20-J03SX-03-401A	LP-20-J04SX-03-401A	LP-20-J05SX-03-401A	LP-20-J05SX-03-451A		LP-20-J07SX-03-401A	LP-20-C08SX-03-451A	LP-20-J09SX-03-401A	LP-20-J12SX-03-401A	LP-20-J14SX-03-401A	—										
		Male	LP-20-C02SX-03-401A	LP-20-C03SX-03-401A	LP-20-C04SX-03-401A	LP-20-C05SX-03-401A	LP-20-C05SX-03-4xxA		LP-20-C07SX-03-401A	LP-20-J08SX-03-451	LP-20-C09SX-03-401A	LP-20-C12SX-03-401A	LP-20-C14SX-03-401A	—										

LP-20 Datasheet

LP-20(90°)

LP20 Power/Signal	Product Series		LP-20																			
	Pin Number		2PIN		3PIN		4PIN		5PIN		7PIN		8PIN		9PIN		12PIN		14PIN			
	Contact Layout		 Male	 Female	 Male	 Female	 Male	 Female	 Male	 Female	 Male		 Female	 Male	 Female	 Male	 Female	 Male	 Female	 Male	 Female	
	Current Rating(A)		20		20		20		10		10		20+5		5		5		5			
	Voltage Rating(V)		500		500		500		500		500		250		250		250		250			
	Cable O.D(mm)		φ5.0~φ6.5 φ6.5~φ8.5 φ8.5~φ10.0 φ10.0~φ12.0 (Configuration Options)								φ5.0~φ6.5 φ6.5~φ8.5 φ8.5~φ10.0 φ10.0~φ12.0 (Configuration Options)											
	Wire Gauge		2.5~4.0mm ² /14~12AWG		2.5~4.0mm ² /14~12AWG		2.5~4.0mm ² /14~12AWG		1.0~1.5mm ² / 18~16AWG		1.0~1.5mm ² / 18~16AWG		2.5~4.0mm ² /14~12AWG 0.34~0.5mm ² /22~20AWG		0.34~0.5mm ² /22~20AWG		0.34~0.5mm ² /22~20AWG		0.34~0.5mm ² /22~20AWG			
	Protection Level		Connection Status IP68/IPX9K										Connection Status IP68/IPX9K									
	Terminal Type Other		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering			
Illustration		Material	Part No										Part No									
Plug		Plastic + Metal	Male	LP-20-C02PE-01-013A	LP-20-C03PE-01-013A	LP-20-C04PE-01-013A	LP-20-C05PE-01-013A	LP-20-C07PE-01-013A		LP-20-C08PE-01-013A	LP-20-C09PE-01-013A	LP-20-C12PE-01-013A	LP-20-C14PE-01-013A									
			Female	LP-20-J02PE-01-013A	LP-20-J03PE-01-015A	LP-20-J04PE-01-013A	LP-20-J05PE-01-013A	LP-20-J07PE-01-013A		LP-20-J08PE-01-013A	LP-20-J09PE-01-013A	LP-20-J12PE-01-013A	LP-20-J14PE-01-013A									
Single hole straight receptacle		Metal	Female	LP-20-J02SX-03-101A	LP-20-J03SX-03-101A	LP-20-J04SX-03-101A	LP-20-J05SX-03-101A	LP-20-J07SX-03-101A		LP-20-C08SX-03-151	LP-20-J09SX-03-101A	LP-20-J12SX-03-101A	LP-20-J14SX-03-101A									
			Male	LP-20-C02SX-03-101A	LP-20-C03SX-03-101A	LP-20-C04SX-03-101A	LP-20-C05SX-03-101A	LP-20-C07SX-03-101A		LP-20-J08SX-03-151	LP-20-C09SX-03-101A	LP-20-C12SX-03-101A	LP-20-C14SX-03-101A									
Two-hole flange receptacle			Female	LP-20-J02SX-03-201A	LP-20-J03SX-03-201A	LP-20-J04SX-03-201A	LP-20-J05SX-03-201A	LP-20-J07SX-03-201A		LP-20-C08SX-03-251	LP-20-J09SX-03-201A	LP-20-J12SX-03-201A	LP-20-J14SX-03-201A									
			Male	LP-20-C02SX-03-201A	LP-20-C03SX-03-201A	LP-20-C04SX-03-201A	LP-20-C05SX-03-201A	LP-20-C07SX-03-201A		LP-20-J08SX-03-251	LP-20-C09SX-03-201A	LP-20-C12SX-03-201A	LP-20-C14SX-03-201A									
Four-hole flange receptacle			Female	LP-20-J02SX-03-401A	LP-20-J03SX-03-401A	LP-20-J04SX-03-401A	LP-20-J05SX-03-401A	LP-20-J07SX-03-401A		LP-20-C08SX-03-451A	LP-20-J09SX-03-401A	LP-20-J12SX-03-401A	LP-20-J14SX-03-401A									
			Male	LP-20-C02SX-03-401A	LP-20-C03SX-03-401A	LP-20-C04SX-03-401A	LP-20-C05SX-03-401A	LP-20-C07SX-03-401A		LP-20-J08SX-03-451	LP-20-C09SX-03-401A	LP-20-C12SX-03-401A	LP-20-C14SX-03-401A									

LP-20 Datasheet

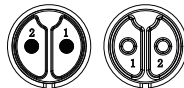
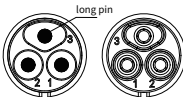
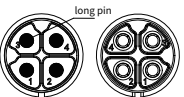
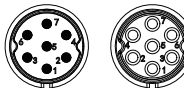
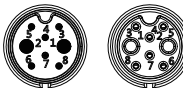
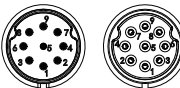
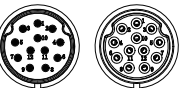
LP-20

LP20 Power/Signal	Product Series		LP-20																								
	Pin Number		2PIN		3PIN		4PIN		5PIN		5PIN		7PIN		8PIN		9PIN		12PIN		14PIN		RJ45				
	Contact Layout		 Male	 Female	 Male	 Female	 Male	 Female	 公	 Female			 Male	 Female	 Male	 Female	 Male	 Female	 Male	 Female	 Male	 Female	 Male	 Female			
	Current Rating(A)		20		20		20		10		10+5		10		20+5		5		5		5		1.5				
	Voltage Rating(V)		500		500		500		500		300		500		250		250		250		250		125				
	Cable O.D(mm)		φ5.0~φ6.5 φ6.5~φ8.5 φ8.5~φ10.0		φ10.0~φ12.0		(Configuration Options)											φ5.0~φ6.5		φ6.5~φ8.5		φ8.5~φ10.0		φ10.0~φ12.0		(Configuration Options)	
	Wire Gauge		2.5-4.0mm ² /14~12AWG		2.5-4.0mm ² /14~12AWG		2.5-4.0mm ² /14~12AWG		1.0~1.5mm ² / 18~16AWG		1.0~1.5mm ² / 18~16AWG 0.34~0.5mm ² /22~20AWG		1.0~1.5mm ² / 18~16AWG		2.5-4.0mm ² /14~12AWG 0.34~0.5mm ² /22~20AWG		0.34~0.5mm ² /22~20AWG		0.34~0.5mm ² /22~20AWG		0.34~0.5mm ² /22~20AWG						
	Protection Level		Connection Status IP68/IPX9K											Connection Status IP68/IPX9K													
	Terminal Type Other		Soldering/Screwing		Soldering/Screwing		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering		CAT.6				
Illustration		Material	Part No											Part No													
Plug		Plastic + Metal	Male	LP-20-C02PE-01-001A	LP-20-C03PE-01-001A	LP-20-C04PE-01-001A	LP-20-C05PE-01-001A		LP-20-C05PE-01-051A		LP-20-C07PE-01-001A	LP-20-C08PE-01-051	LP-20-C09PE-01-001A	LP-20-C12PE-01-001A	LP-20-C14PE-01-001A	—											
In-line receptacle			Female	LP-20-J02PE-01-002A	LP-20-J03PE-01-003A	LP-20-J04PE-01-002A	LP-20-J05PE-01-002A		LP-20-J05PE-01-0xxA		LP-20-J07PE-01-002A	LP-20-J08PE-01-051A	LP-20-J09PE-01-002A	LP-20-J12PE-01-002A	LP-20-J14PE-01-001A	—											
			Female	LP-20-J02PP-01-001A	LP-20-J03PP-01-001A	LP-20-J04PP-01-001A	LP-20-J05PP-01-001A		LP-20-J05PP-01-051A		LP-20-J07PP-01-001A	LP-20-C08PP-01-051A	LP-20-J09PP-01-001A	LP-20-J12PP-01-001A	LP-20-J14PP-01-001A	—											
			Male	LP-20-C02PP-01-001A	LP-20-C03PP-01-001A	LP-20-C04PP-01-001A	LP-20-C05PP-01-001A		LP-20-C05PP-01-0xxA		LP-20-C07PP-01-001A	LP-20-J08PP-01-001	LP-20-C09PP-01-001A	LP-20-C12PP-01-001A	LP-20-C14PP-01-xxxA	—											
Single hole straight receptacle		Metal	Female	LP-20-J02SX-03-101A	LP-20-J03SX-03-101A	LP-20-J04SX-03-101A	LP-20-J05SX-03-101A		LP-20-J05SX-03-151A		LP-20-J07SX-03-101A	LP-20-C08SX-03-151	LP-20-J09SX-03-101A	LP-20-J12SX-03-101A	LP-20-J14SX-03-101A	—											
Two-hole flange receptacle			Male	LP-20-C02SX-03-101A	LP-20-C03SX-03-101A	LP-20-C04SX-03-101A	LP-20-C05SX-03-101A		LP-20-C05SX-03-151A		LP-20-C07SX-03-101A	LP-20-J08SX-03-151	LP-20-C09SX-03-101A	LP-20-C12SX-03-101A	LP-20-C14SX-03-101A	—											
			Female	LP-20-J02SX-03-201A	LP-20-J03SX-03-201A	LP-20-J04SX-03-201A	LP-20-J05SX-03-201A		LP-20-J05SX-03-2xxA		LP-20-J07SX-03-201A	LP-20-C08SX-03-251	LP-20-J09SX-03-201A	LP-20-J12SX-03-201A	LP-20-J14SX-03-201A	—											
			Male	LP-20-C02SX-03-201A	LP-20-C03SX-03-201A	LP-20-C04SX-03-201A	LP-20-C05SX-03-201A		LP-20-C05SX-03-2xxA		LP-20-C07SX-03-201A	LP-20-J08SX-03-251	LP-20-C09SX-03-201A	LP-20-C12SX-03-201A	LP-20-C14SX-03-201A	—											
Four-hole flange receptacle			Female	LP-20-J02SX-03-401A	LP-20-J03SX-03-401A	LP-20-J04SX-03-401A	LP-20-J05SX-03-401A		LP-20-J05SX-03-451A		LP-20-J07SX-03-401A	LP-20-C08SX-03-451A	LP-20-J09SX-03-401A	LP-20-J12SX-03-401A	LP-20-J14SX-03-401A	—											
			Male	LP-20-C02SX-03-401A	LP-20-C03SX-03-401A	LP-20-C04SX-03-401A	LP-20-C05SX-03-401A		LP-20-C05SX-03-4xxA		LP-20-C07SX-03-401A	LP-20-J08SX-03-451	LP-20-C09SX-03-401A	LP-20-C12SX-03-401A	LP-20-C14SX-03-401A	—											

LP-20 Datasheet

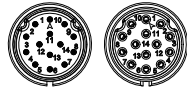
LP-20(90°)

LP20 Power/Signal	Product Series		LP-20																			
	Pin Number		2PIN		3PIN		4PIN		5PIN		7PIN		8PIN		9PIN		12PIN		14PIN			
	Contact Layout		 Male	 Female	 Male	 Female	 Male	 Female	 Male	 Female	 Male	 Female	 Male	 Female	 Male	 Female	 Male	 Female	 Male	 Female		
	Current Rating(A)		20		20		20		10		10		20+5		5		5		5			
	Voltage Rating(V)		500		500		500		500		500		250		250		250		250			
	Cable O.D(mm)		φ5.0~φ6.5 φ6.5~φ8.5 φ8.5~φ10.0 φ10.0~φ12.0 (Configuration Options)								φ5.0~φ6.5 φ6.5~φ8.5 φ8.5~φ10.0 φ10.0~φ12.0 (Configuration Options)											
	Wire Gauge		2.5~4.0mm²/14~12AWG		2.5~4.0mm²/14~12AWG		2.5~4.0mm²/14~12AWG		1.0~1.5mm²/ 18~16AWG		1.0~1.5mm²/ 18~16AWG		2.5~4.0mm²/14~12AWG 0.34~0.5mm²/22~20AWG		0.34~0.5mm²/22~20AWG		0.34~0.5mm²/22~20AWG		0.34~0.5mm²/22~20AWG			
	Protection Level		Connection Status IP68/IPX9K										Connection Status IP68/IPX9K									
	Terminal Type Other		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering			
Illustration	Material	Part No																				
Plug 	Plastic	Male	LP-20-C02PE-02-013A	LP-20-C03PE-02-005A	LP-20-C04PE-02-005A	LP-20-C05PE-02-006A		LP-20-C07PE-02-013A				LP-20-C08PE-02-013A		LP-20-C09PE-02-013A		LP-20-C12PE-02-013A		LP-20-C14PE-02-013A				
		Female	LP-20-J02PE-02-013A	LP-20-J03PE-02-013A	LP-20-J04PE-02-013A	LP-20-J05PE-02-013A		LP-20-J07PE-02-013A				LP-20-J08PE-02-013A		LP-20-J09PE-02-013A		LP-20-J12PE-02-013A		LP-20-J14PE-02-013A				
Single hole straight receptacle		Female	LP-20-J02SX-02-104A	LP-20-J03SX-02-104A	LP-20-J04SX-02-106B	LP-20-J05SX-02-107B		LP-20-J07SX-02-107B				LP-20-J08SX-02-151		LP-20-J09SX-02-107B		LP-20-J12SX-02-107B		LP-20-J14SX-02-107B				
		Male	LP-20-C02SX-02-104A	LP-20-C03SX-02-104A	LP-20-C04SX-02-106B	LP-20-C05SX-02-107B		LP-20-C07SX-02-107B				LP-20-C08SX-02-151		LP-20-C09SX-02-107B		LP-20-C12SX-02-107B		LP-20-C14SX-02-107B				
Four-hole flange receptacle		Female	LP-20-J02SX-02-404A	LP-20-J03SX-02-404A	-	-		-				-		-		-		-				
		Male	LP-20-C02SX-02-404A	LP-20-C03SX-02-404A	-	-		-				-		-		-		-				

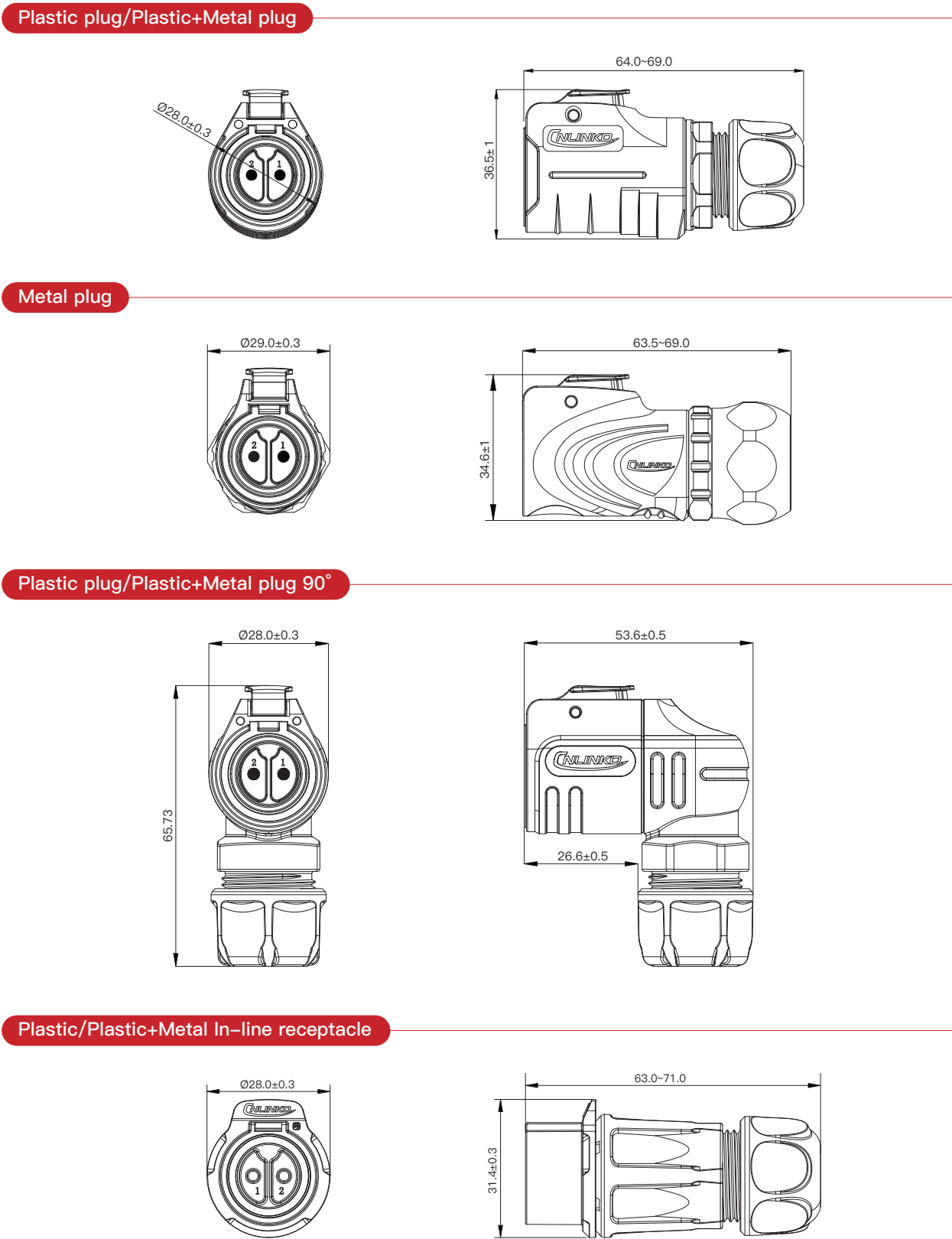
LP20 Power/Signal	Product Series		LP-20																					
	Pin Number		2PIN		3PIN		4PIN		5PIN		5PIN		7PIN		8PIN		9PIN		12PIN					
	Contact Layout		 Male Female		 Male Female		 Male Female		 Male Female		 Male Female		 Male Female		 Male Female		 Male Female		 Male Female					
	Current Rating(A)		20		20		20		10		10/5		10		20+5		5		5					
	Voltage Rating(V)		500		500		500		500		300		500		250		250		250					
	Cable O.D(mm)		φ5.0~φ6.5 φ6.5~φ8.5 φ8.5~φ10.0		φ10.0~φ12.0		(Configuration Options)										φ5.0~φ6.5 φ6.5~φ8.5		φ8.5~φ10.0		φ10.0~φ12.0		(Configuration Options)	
	Wire Gauge		2.5~4.0mm²/14~12AWG		2.5~4.0mm²/14~12AWG		2.5~4.0mm²/14~12AWG		1.0~1.5mm²/ 18~16AWG		1.0~1.5mm²/ 18~16AWG 0.34~0.5mm²/22~20AWG		1.0~1.5mm²/ 18~16AWG		2.5~4.0mm²/14~12AWG 0.34~0.5mm²/22~20AWG		0.34~0.5mm²/22~20AWG		0.34~0.5mm²/22~20AWG					
	Protection Level		Connection Status IP68/IPX9K										Connection Status IP68/IPX9K											
	Terminal Type Other		Soldering/Screwing		Soldering/Screwing		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering					
Illustration		Material	Part No										Part No											
Plug 		Plastic	Male	LP-20-C02PE-02-001A	LP-20-C03PE-02-001A	LP-20-C04PE-02-001A	LP-20-C05PE-02-001A	LP-20-C05PE-02-0xxA		LP-20-C07PE-02-001A		LP-20-C08PE-02-051		LP-20-C09PE-02-001A		LP-20-C12PE-02-001A								
			Female	LP-20-J02PE-02-001A	LP-20-J03PE-02-001A	LP-20-J04PE-02-001A	LP-20-J05PE-02-001A	LP-20-J05PE-02-0xxA		LP-20-J07PE-02-001A		LP-20-J08PE-02-051		LP-20-J09PE-02-001A		LP-20-J12PE-02-xxxx								
In-line receptacle 			Female	LP-20-J02PP-02-001A	LP-20-J03PP-02-001A	LP-20-J04PP-02-001A	LP-20-J05PP-02-001A	LP-20-J05PE-02-0xxA		LP-20-J07PP-02-001A		LP-20-J08PP-02-001A		LP-20-J09PP-02-001A		LP-20-J12PP-02-001A								
			Male	LP-20-C02PP-02-001A	LP-20-C03PP-02-001A	LP-20-C04PP-02-001A	LP-20-C05PP-02-001A	LP-20-C05PE-02-0xxA		LP-20-C07PP-02-001A		LP-20-C08PP-02-001A		LP-20-C09PP-02-001A		LP-20-C12PP-02-001A								
Single hole straight receptacle 			Female	LP-20-J02SX-02-101A	LP-20-J03SX-02-101A	LP-20-J04SX-02-101A	LP-20-J05SX-02-101A	LP-20-J05SX-02-1xxA		LP-20-J07SX-02-101A		LP-20-J08SX-02-151		LP-20-J09SX-02-101A		LP-20-J12SX-02-101A								
			Male	LP-20-C02SX-02-101A	LP-20-C03SX-02-101A	LP-20-C04SX-02-101A	LP-20-C05SX-02-101A	LP-20-C05SX-02-1xxA		LP-20-C07SX-02-101A		LP-20-C08SX-02-151A		LP-20-C09SX-02-101A		LP-20-C12SX-02-101A								
Two-hole flange receptacle 			Female	—	—	—	—	—		—		—		—		—								
			Male	—	—	—	—	—		—		—		—		—								
Four-hole flange receptacle 			Female	LP-20-J02SX-02-404A	LP-20-J03SX-02-404A	—	—	—		—		—		—		—								
			Male	LP-20-C02SX-02-404A	LP-20-C03SX-02-404A	—	—	—		—		—		—		—								

LP-20 Datasheet

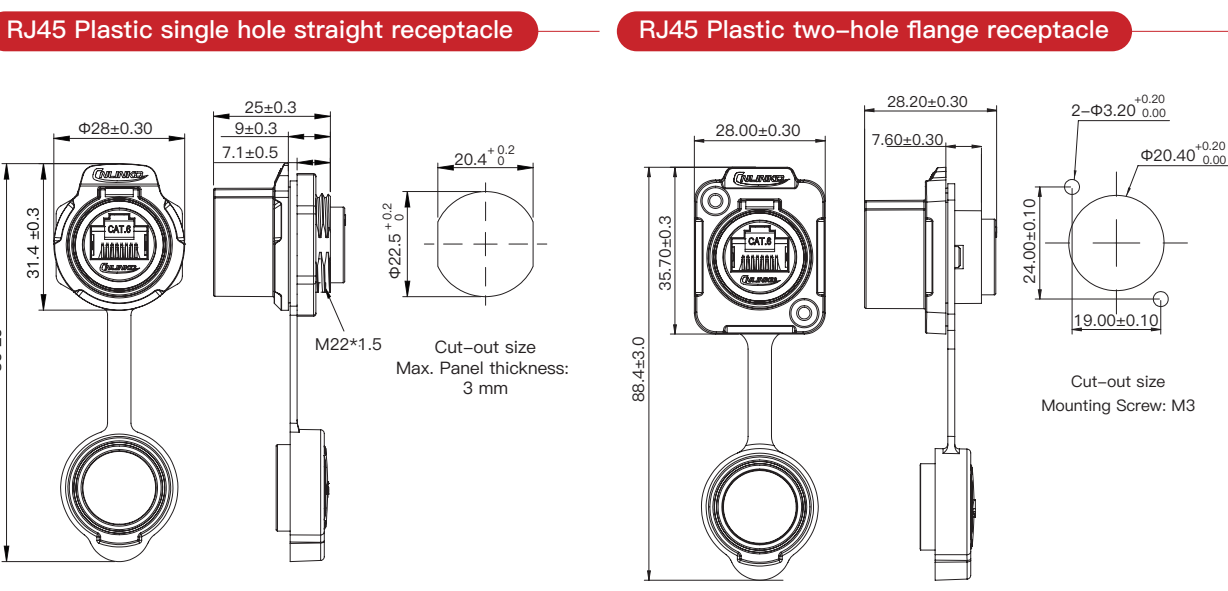
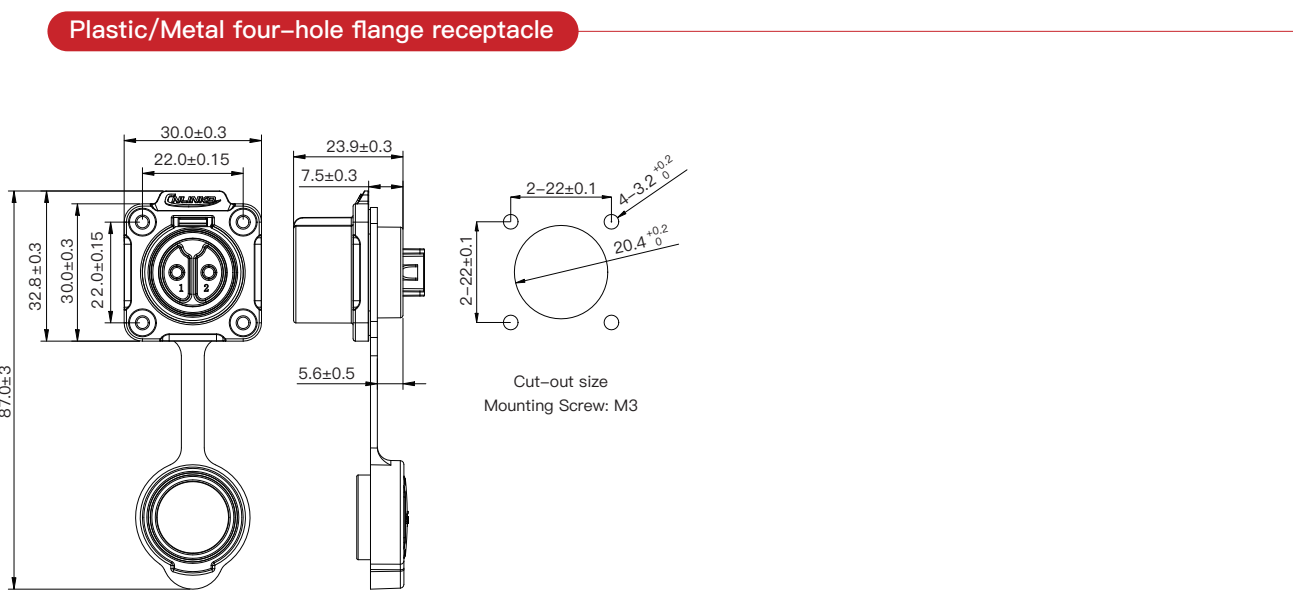
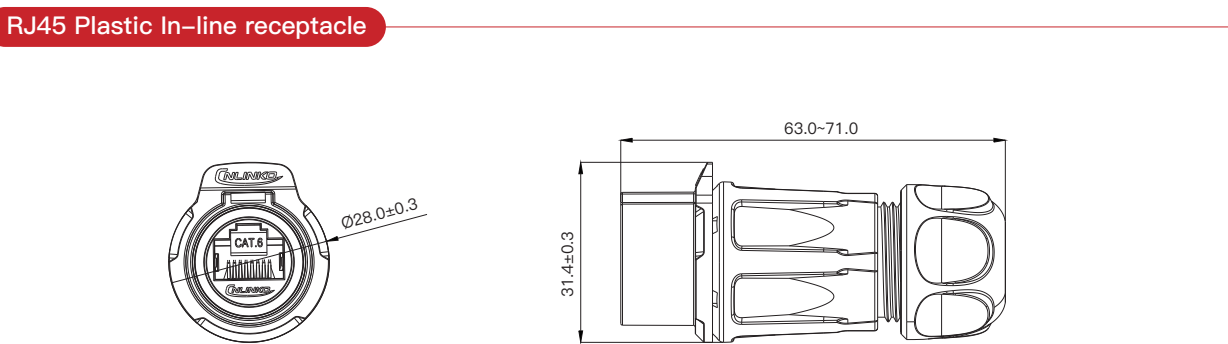
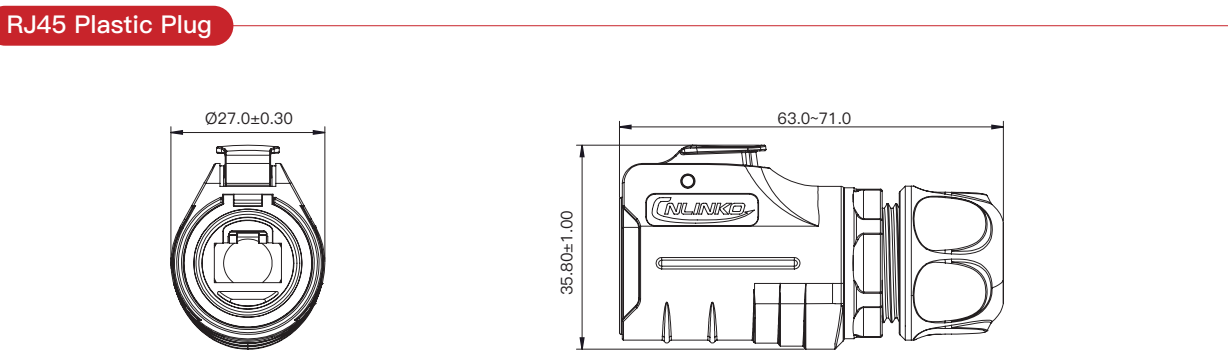
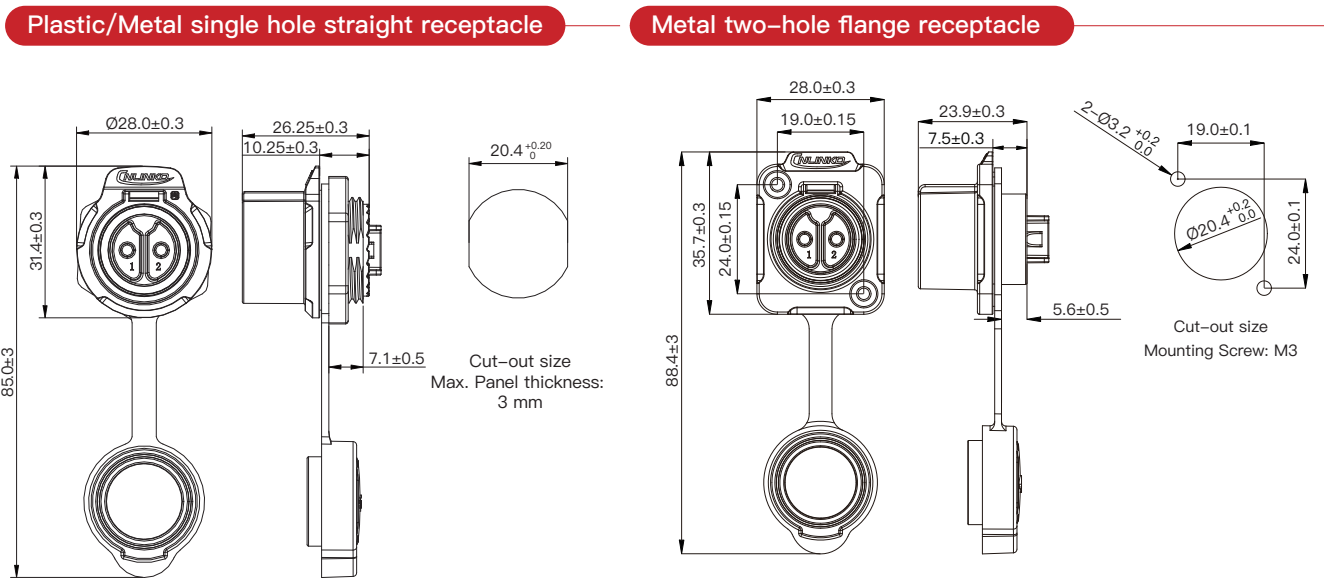
LP-20

LP20 Power/Signal	Product Series		LP-20			
	Pin Number		14PIN	RJ45	USB2.0	USB3.0
	Contact Layout		 Male Female			
	Current Rating(A)		5	1.5	1.5	1.8
	Voltage Rating(V)		250	125	5	5
	Cable O.D(mm)		φ5.0~φ6.5 φ6.5~φ8.5 φ8.5~φ10.0 φ10.0~φ12.0 (Configuration Options)			
	Wire Gauge		0.34~0.5mm² / 22~20AWG	—	—	—
	Protection Level		Connection Status IP68/IPX9K			
	Terminal Type Other		Soldering	CAT.6	480 Mbps	5.0 Gbps
Illustration	Material	Part No				
Plug	Plastic	Male	LP-20-C14PE-02-001A	LP-20-C/RJ45/015/ PE-42-002	LP20-USB2-MP- MU-1M-001	LP20-USB3-MP- MU-1M-001
In-line receptacle		Female	LP-20-J14PE-02-001A	—	—	—
		Female	LP-20-J14PP-02-001A	—	—	—
Single hole straight receptacle		Male	LP-20-C14PP-02-001A	—	—	—
		Female	LP-20-J14SX-02-101A	LP-20-J/RJ45/213/ SX-42-102	LP-20-J/USB2/213/ SX-42-101	LP-20-J/USB3/213/ SX-42-101
Two-hole flange receptacle		Male	LP-20-J12SX-02-101A	—	—	—
		Female	—	LP-20-J/RJ45/213/ SX-42-202	LP-20-J/USB2/213/ SX-42-201	LP-20-J/USB3/213/ SX-42-201
Four-hole flange receptacle		Male	—	—	—	—
		Female	—	LP-20-J/RJ45/213/ SX-42-402	LP-20-J/USB2/213/ SX-42-401	LP-20-J/USB3/213/ SX-42-401
		Male	—	—	—	—

LP-20 Dimension Drawing (unit: mm)

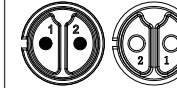
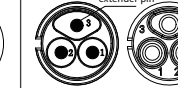
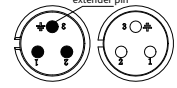
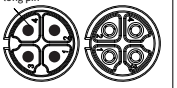
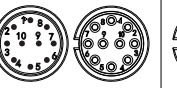
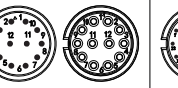


LP-20 Dimension Drawing (unit: mm)



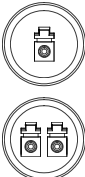
LP-24 Datasheet

LP-24

LP24 Power/Signal	Product Series		LP-24																					
	Pin Number		2PIN				3PIN				3PIN		4PIN		10PIN		12PIN		19PIN		24PIN		RJ45	
	Contact Layout																							
	Current Rating(A)		25		35		25		35		45		25		10		10		5		5		1.5	
	Voltage Rating(V)		500		300		500		300		230		500		400		400		250		250		125	
	Cable O.D(mm)		φ5.0~φ7.0		φ7.0~φ10.5		φ10.5~φ14.0		(Configuration Options)											—				
	Wire Gauge		2.5~4.0mm²/14~12AWG		6.0~8.0mm²/10~8AWG		2.5~4.0mm²/14~12AWG		6.0~8.0mm²/10~8AWG		10(single cord)mm² 8~6AWG		2.5~4.0mm²/14~12AWG		1.0~1.5mm²/ 18~16AWG		1.0~1.5mm²/ 18~16AWG		0.34~0.5mm²/ 22~20AWG		0.34~0.5mm²/ 22~20AWG		—	
	Protection Level		Connection Status IP68/IPX9K											Connection Status IP68/IPX9K										
	Terminal Type Other		Soldering/Screwing		Soldering		Soldering/Screwing		Soldering		Soldering		Soldering/Screwing		Soldering		Soldering		Soldering		Soldering		CAT.3~CAT.6	
Illustration		Material	Part No											Part No										
Plug		Plastic + Metal	Male	LP-24-C02PE-01-001	LP-24-C02PE-01-035	LP-24-C03PE-01-004	LP-24-C03PE-01-035	LP-24-C03PE-01-050		LP-24-C04PE-01-001	LP-24-C10PE-01-003A	LP-24-C12PE-01-003A	LP-24-C19PE-01-003A	LP-24-C24PE-01-003A	LP-24-C/RJ45/015/PE-41-001									
In-line receptacle			Female	LP-24-J02PE-01-001	LP-24-J02PE-01-035A	LP-24-J03PE-01-002	LP-24-J03PE-01-035	LP-24-J03PE-01-050		LP-24-J04PE-01-001	LP-24-J10PE-01-003A	LP-24-J12PE-01-003A	LP-24-J19PE-01-003A	LP-24-J24PE-01-003A	—									
			Female	LP-24-J02PP-01-001	LP-24-J02PP-01-035	LP-24-J03PP-01-0xx	LP-24-J03PP-01-035A	LP-24-J03PP-01-050		LP-24-J04PP-01-001	LP-24-J10PP-01-003A	LP-24-J12PP-01-003A	LP-24-J19PP-01-003A	LP-24-J24PP-01-003A	LP-24-J/RJ45/213/PP-43-xxxx									
			Male	LP-24-C02PP-01-001	LP-24-C02PP-01-035	LP-24-C03PP-01-0xx	LP-24-C03PP-01-035A	LP-24-C03PP-01-050		LP-24-C04PP-01-001	LP-24-C10PP-01-003A	LP-24-C12PP-01-003A	LP-24-C19PP-01-003A	LP-24-C24PP-01-003A	—									
Single hole straight receptacle		Metal	Female	LP-24-J02SX-03-101	LP-24-J02SX-03-135	LP-24-J03SX-03-1xx	LP-24-J03SX-03-135A	LP-24-J03SX-03-150		LP-24-J04SX-03-101	LP-24-J10SX-03-103A	LP-24-J12SX-03-103A	LP-24-J19SX-03-103A	LP-24-J24SX-03-103A	LP-24-J/RJ45/213/SX-43-102A									
Four-hole flange receptacle			Male	LP-24-C02SX-03-101	LP-24-C02SX-03-135	LP-24-C03SX-03-1xx	LP-24-C03SX-03-135A	LP-24-C03SX-03-150		LP-24-C04SX-03-101	LP-24-C10SX-03-103A	LP-24-C12SX-03-103A	LP-24-C19SX-03-103A	LP-24-C24SX-03-103A	—									
			Female	LP-24-J02SX-03-401	LP-24-J02SX-03-435	LP-24-J03SX-03-403	LP-24-J03SX-03-435	LP-24-J03SX-03-450		LP-24-J04SX-03-401	LP-24-J10SX-03-403A	LP-24-J12SX-03-403A	LP-24-J19SX-03-403A	LP-24-J24SX-03-403A	LP-24-J/RJ45/213/SX-43-408									
			Male	LP-24-C02SX-03-401	LP-24-C02SX-03-435	LP-24-C03SX-03-405	LP-24-C03SX-03-435	LP-24-C03SX-03-450		LP-24-C04SX-03-401	LP-24-C10SX-03-403A	LP-24-C12SX-03-403A	LP-24-C19SX-03-403A	LP-24-C24SX-03-403A	—									

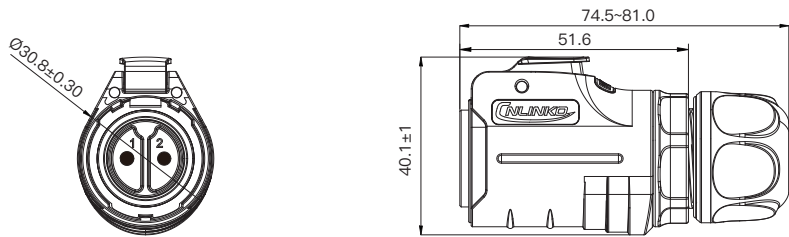
LP-24 Datasheet

LP-24

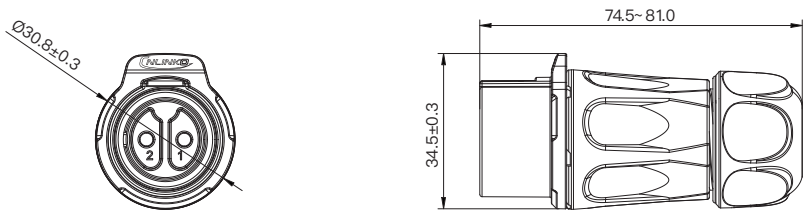
LP24 Power/Signal	Product Series		LP-24				
	Pin Number		USB2.0	USB3.0	DAV2.0	DAV2.1	Optical fiber
	Contact Layout						
	Current Rating(A)		1.5	1.8	0.5	0.5	—
	Voltage Rating(V)		5	5	5	5	—
	Cable O.D(mm)						
	Wire Gauge		—	—	—	—	—
	Protection Level		Connection Status IP68/IPX9K				
	Terminal Type Other		480 Mbps	5.0 Gbps	18 Gbps	48 Gbps	plug-in loss≤0.35dB return loss≥50dB
	Illustration	Material	Part No				
Plug	Plastic + Metal	Male	LP-24-C/USB3/016/PE-41-001	LP24-USB3-MP-MP-1M-001	LP24-HD-MP-MP-1M-001A	LP24-HD-MP-MP-1M-002A	LP-24-C/LC/016/PE-41-xxx LP-24-C/LC/016/PE-41-003
		Female	—	—	—	—	—
In-line receptacle		Female	—	—	—	—	—
		Male	—	—	—	—	—
Single hole straight receptacle	Metal	Female	LP-24-J/USB2/213/SX-43-101A	LP-24-J/USB3/213/SX-43-101A	LP-24-HDSX-43-101A	LP-24-HDSX-43-102	LP-24-J/LC/213/SX-43-102A LP-24-J/LC/213/SX-43-101A
		Male	—	—	—	—	—
Four-hole flange receptacle		Female	LP-24-J/USB2/213/SX-43-101A	LP-24-J/USB3/213/SX-43-401A	LP-24-HDSX-43-401	LP-24-HDSX-43-402	LP-24-J/LC/213/43-407 LP-24-J/LC/213/SX-43-401
		Male	—	—	—	—	—

LP-24 Dimension Drawing (unit: mm)

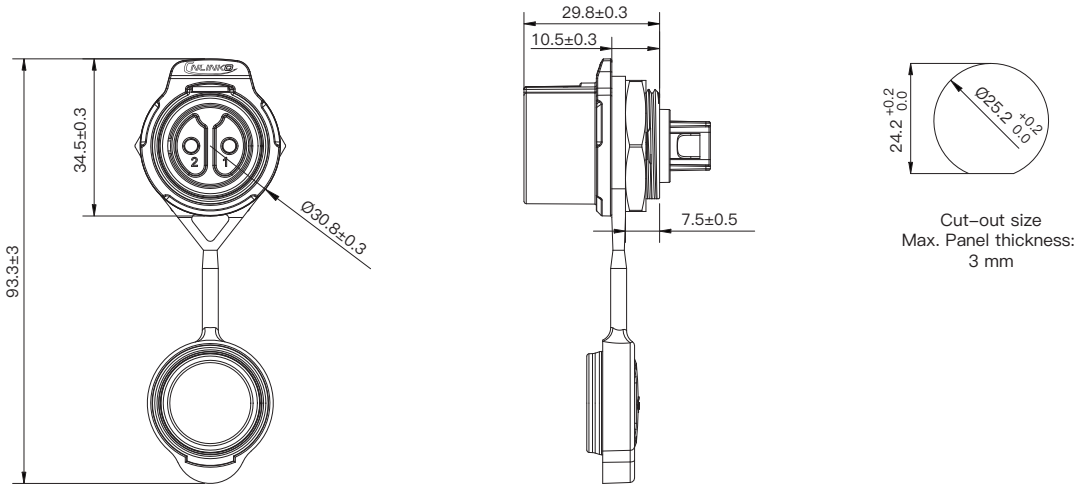
Plastic+Metal plug



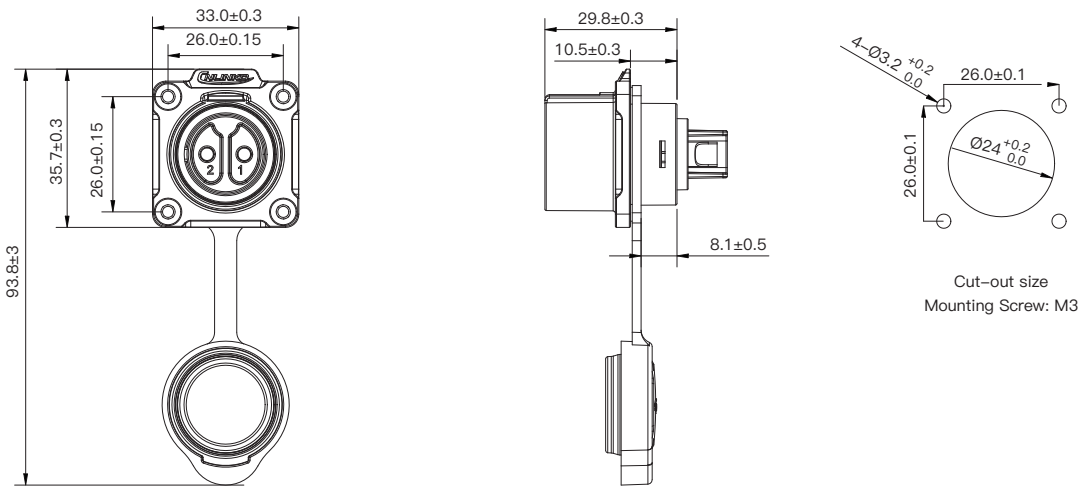
Plastic+Metal In-line receptacle



Metal single hole straight receptacle



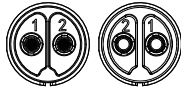
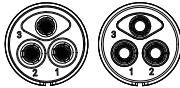
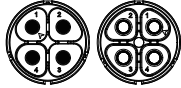
Metal four-hole flange receptacle



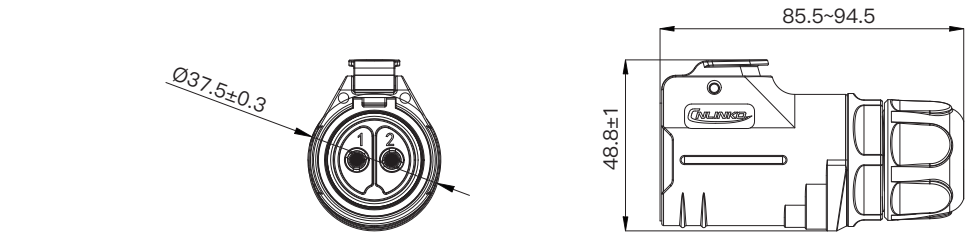
LP-28 Datasheet

LP-28

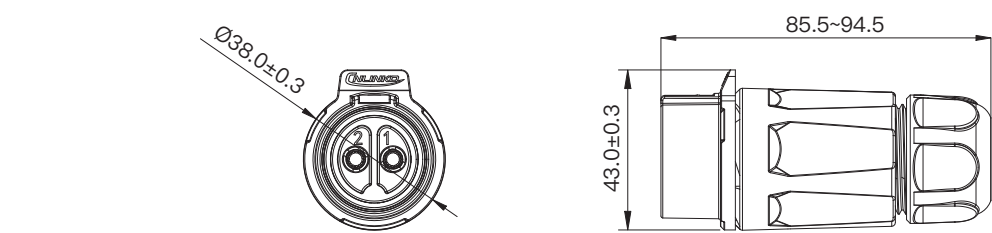
LP-28 Dimension Drawing (unit: mm)

LP28 Power/Signal	Product Series		LP-28									
	Pin Number		2PIN		3PIN		4PIN		8PIN			
	Contact Layout		 Male Female		 Male Female		 Male Female		 Male Female			
	Current Rating(A)		50		50		50		15			
	Voltage Rating(V)		500		500		300		300			
	Cable O.D(mm)		φ10.0~φ15.0		φ15.0~φ17.5		φ17.5~φ20.5		(Configuration Options)			
	Wire Gauge		10~16mm ² /8~6AWG		10~16mm ² /8~6AWG		6~10mm ² /10~8AWG		2.5~4.0mm ² /14~12AWG			
	Protection Level		Connection Status IP68/IPX9K									
	Terminal Type Other		Crimping/Screwing		Crimping/Screwing		Soldering		Soldering			
Illustration		Material	Part No									
Plug		Plastic + Metal	Male	LP-28-C02PE-21-001(Screwing)		LP-28-C03PE-21-001(Screwing)		LP-28-C04PE-01-002A		LP-28-C08PE-01-001		
				LP-28-C02PE-31-003(Crimping)		LP-28-C03PE-31-003(Crimping)						
In-line receptacle	Female		LP-28-J02PE-21-001(Screwing)		LP-28-J03PE-21-001(Screwing)		LP-28-J04PE-01-002A		LP-28-J08PE-01-001			
			LP-28-J02PE-31-003(Crimping)		LP-28-J03PE-31-003(Crimping)							
	Female		LP-28-J02PP-21-001(Screwing)		LP-28-J03PP-21-001(Screwing)		LP-28-J04PP-01-xxxx		LP-28-J08PP-01-001			
			LP-28-J02PP-31-003(Crimping)		LP-28-J03PP-31-003(Crimping)							
	Male		LP-28-C02PP-21-001(Screwing)		LP-28-C03PP-21-001(Screwing)		LP-28-C04PP-01-xxxx		LP-28-C08PP-01-001			
			LP-28-C02PP-31-003(Crimping)		LP-28-C03PP-31-003(Crimping)							
Single hole straight receptacle		Metal	Female	LP-28-J02SX-23-101(Screwing)		LP-28-J03SX-23-101(Screwing)		LP-28-J04SX-03-xxxx		LP-28-J08SX-03-101		
				LP-28-J02SX-33-103(Crimping)		LP-28-J03SX-33-103(Crimping)						
Four-hole flange receptacle	Male		LP-28-C02SX-23-101(Screwing)		LP-28-C03SX-23-101(Screwing)		LP-28-C04SX-03-xxxx		LP-28-C08SX-03-101			
			LP-28-C02SX-33-103(Crimping)		LP-28-C03SX-33-103(Crimping)							
	Female		LP-28-J02SX-23-401(Screwing)		LP-28-J03SX-23-401(Screwing)		LP-28-J04SX-03-402A		LP-28-J08SX-03-401			
			LP-28-J02SX-33-403(Crimping)		LP-28-J03SX-33-403(Crimping)							
	Male		LP-28-C02SX-23-401(Screwing)		LP-28-C03SX-23-401(Screwing)		LP-28-C04SX-03-402A		LP-28-C08SX-03-401			
			LP-28-C02SX-33-403(Crimping)		LP-28-C03SX-33-403(Crimping)							

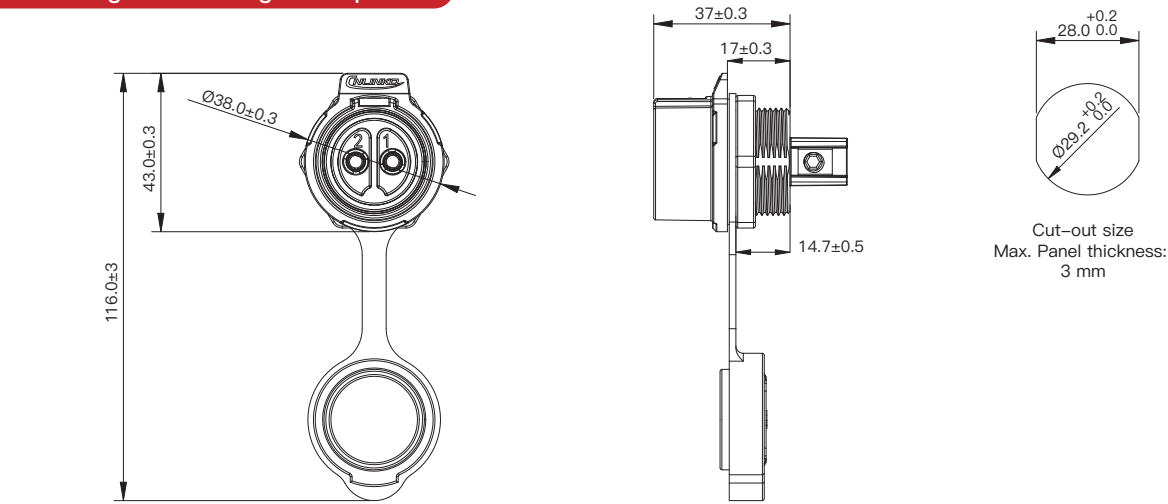
Plastic+Metal plug



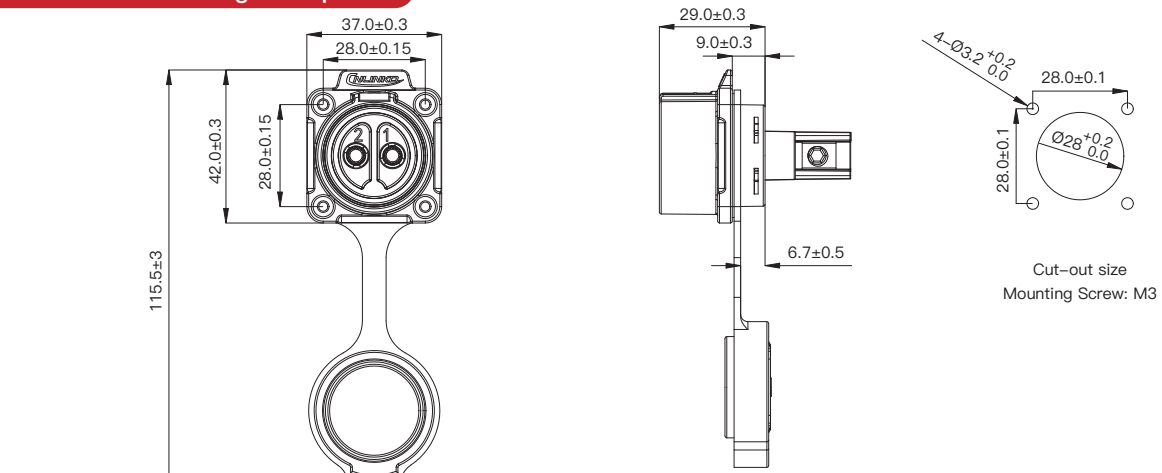
Plastic+Metal In-line receptacle



Metal single hole straight receptacle



Metal four-hole flange receptacle

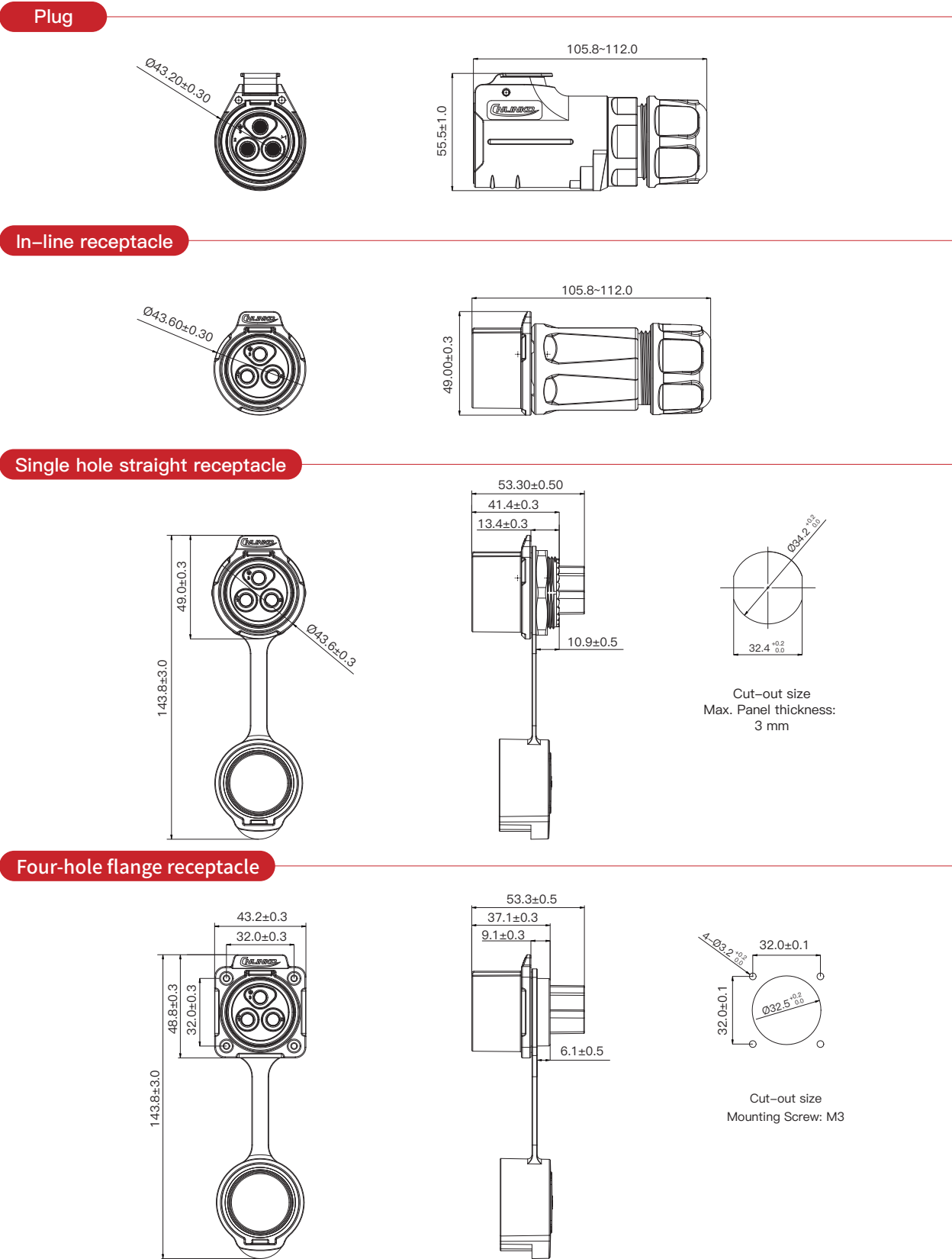


LP-32 Datasheet

LP-32

LP32 Power/Signal	Product Series		LP-32			
	Pin Number		3PIN		5PIN	
	Contact Layout		 Male Female		 Male Female	
	Current Rating(A)		100		50	
	Voltage Rating(V)		500		500	
	Cable O.D(mm)		φ14.0~φ17.0 φ17.0~φ20.0 φ20.0~φ23.0 φ23.0~φ26.0 (Configuration Options)			
	Wire Gauge		16mm ² /6AWG		10mm ² /8AWG	
	Protection Level		Connection Status IP68/IPX9K			
	Terminal Type Other		Crimping		Soldering	
Crimping						
Illustration		Material	Part No			
Plug		Plastic + Metal	Male	LP-32-C03PE-31-001A	LP-32-C05PE-01-001A	LP-32-C05PE-31-001A
			Female	LP-32-J03PE-31-001A	LP-32-J05PE-01-001A	LP-32-J05PE-31-001A
In-line receptacle			Female	LP-32-J03PP-31-001A	LP-32-J05PP-01-001A	LP-32-J05PP-31-001A
			Male	LP-32-C03PP-31-001A	LP-32-C05PP-01-001A	LP-32-C05PP-31-001A
Single hole straight receptacle		Metal	Female	LP-32-J03SX-33-101A	LP-32-J05SX-03-101A	LP-32-J05SX-33-101A
			Male	LP-32-C03SX-33-101A	LP-32-C05SX-03-101A	LP-32-C05SX-33-101A
Four-hole flange receptacle			Female	LP-32-J03SX-33-401A	LP-32-J05SX-03-401A	LP-32-J05SX-33-401A
			Male	LP-32-C03SX-33-401A	LP-32-C05SX-03-401A	LP-32-C05SX-33-401A

LP-32 Dimension Drawing (unit: mm)



Manufacturer of Industrial Waterproof Connector With High Reliability



YM SERIES

YM SERIES

YM Circular Plastic Waterproof Connector

YM SERIES

YM waterproof connector application type



CNLINKO's The newest Product YM (M20, M24) series waterproof connectors use PBT engineering performance injection molding material as the component raw material, and the all-plastic shell design, Make the product more anti-corrosion and safer. The whole adopts a unique spring-type rotary locking connection. Sophisticated internal construction, rugged housing construction,It provides a safe and stable connection and transmission performance to ensure the stability of the electrical performance of the device during use.

• Series product information:

Series code:	YM- 20 、YM- 24
Hole size:	Please refer to the external dimension drawing for detailed hole size.
Application types:	· Multi-PIN (2,3,4,5,7,9,10,12,14,19,24pin and customized 3+2,2+6,2+1+5 pins etc) · Signal Type (RJ45, Optical Fiber) · Data Type (USB2.0, USB3.0, DAV)
Material type:	Plastic type

• Introduction:

The Product include power, multi-pin, hybrid, USB2.0, USB3.0, DAV, RJ45, optical fiber eight categories. Industrial-Grade Three-Point helical locking. Plastic dust cover, unique rotary outer ring locking method, can realize one-handed plugging operation.

• Main body material, process and surface treatment:

Shell:	Material: Engineering Plastic	Production process: Injection molding
--------	-------------------------------	---------------------------------------

• Module material, process and surface treatment:

Contact:	Material: Male/Female Pin (Copper Alloy)	Production Process: Machining & Stamping
	Surface Treatment: Plated in Gold/Silver	
LC Fiber Contact Material:	Male/Female end (High Modulus Glass Fiber)	
Insulator:	Material: Engineering Plastic	Production process: injection molding

• Packaging and Storage:

The product is in a sealed bag, with a small box in the large box, and a label on the small box. The label indicates the product name, model, batch number, and number of products. Packaged products are recommended to be stored in a warehouse with an ambient temperature of 25°C±3°C,a relative humidity of ≤75%, and no acidic, alkaline and other corrosive gases in the surrounding air. Other storage environments may affect product life.

• Check the official website YM series area:

Scan the QR code below to check the YM area of CNLINKO's official website. If you have any doubts, you can contact the online customer service for more detailed product information.



YM Series Overview



YM Series Installation Guide



Applications



YM-20 series products are used in a water wading equipment

Features Overview



High corrosion resistance

The shell is made of high-performance outdoor engineering plastic material, which can adapt to various,highly corrosive application environments.



Weight

All-plastic structure design, light weight and sturdy.



Secure connection and secure locking

With bayonet connection and three-point locking structure design, the holding force is large and the connection is super stable.



High protection level

In the connected state, it has the highest protection level of IP68/IPX9K, which can adapt to all kinds of wading or wet environments.

Type and Style



High corrosion resistance

YM series are all plastic models and are made of high-performance engineering plastic materials, which are the first choice in highly corrosive application scenarios.



Flexible installation

YM series has three installation methods: single-hole panel receptacle, four-hole flange receptacle, and wire-to-wire Floating connector.



Multiple wiring modes

The YM Series offers three connection types: screw clamping, soldering, and crimping. The screw terminal allows for quick and easy installation, soldering ensures a more robust connection, while crimping combines both speed and high reliability.

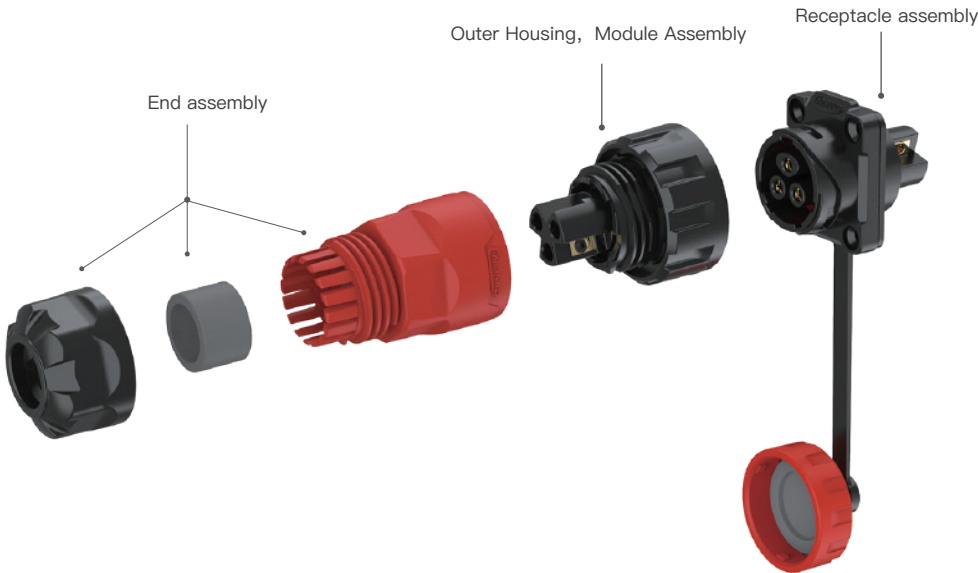


Color customizable

At present, the main colors of YM24 series shells include red, yellow, blue and green. We can also customize other colors to meet the individual needs of users.

Product Structure Image

Dozens of high-quality parts are precisely engaged to ensure the safety and stability of the connector.



Manufacturer of Industrial Waterproof Connector With High Reliability



YM SERIES

YM SERIES

Series Infographic



YM-20 Series Information Overview		P67
Product application type:	Power: 2/3/4/5 pin	
	Signal: 7/9/12/14 pin, RJ45 Data: USB	
	Voltage Rating: 500V(2~5, 7 pin), 250V(8 pins hybrid, 9, 12, 14 pin) Current Rating: 20A(2~4 pin), 10A(5, 7 pin), 20A+5A(8 pins hybrid), 10A+5A(5 pins hybrid), 5A(9, 12, 14 pin)	
Cable O.D:	Multi-pin type: Φ5.0~6.5mm, Φ6.5~8.5mm, Φ8.5~10.0mm, Φ10.0~12.0mm	
Details page:	Product Parameter Map: P67	Dimension Drawing: P69

YM-24 Series Information Overview		P71
Product application type:	Power: 2/3/4 pin Signal: 10/12/19/24 pin, RJ45, Optical fiber	
	Data:USB, DAV	
	Voltage Rating: 500V(2~4, 10, 12 pin), 300V(2, 3 pin), 250V(19, 24 pin), 230V(3 pin) Current Rating: 45A(3 pin), 35A(2~3 pin), 25A(2~4 pin), 10A(10, 12 pin), 5A(19, 24 pin)	
Cable O.D:	Multi-pin type: Φ5.0~7.0mm, Φ7.0~10.5mm, Φ10.5~13.2mm	
	Multi-pin type: Φ5.0~7.0mm(RJ45), Multi-pin type: Φ5.0~7.0mm(Optical fiber)	
	Multi-pin type: Φ5.0~7.0mm(USB, DAV)	
Details page:	Product Parameter Map: P71	Dimension Drawing: P74

Main feature:

- Multi-style inner core design, multi-PIN, signal RJ45, optical fiber, data USB, DAV, etc;
- Premium PBT housing offers excellent flame retardancy, UV resistance, and mechanical performance;
- Gold-plated contacts, high corrosion resistance and electrical conductivity;
- Unique docking design, stable extension of infinite cable length;
- The signal transmission is fast and stable, and the data transmission can reach 10Gbps;
- Achieves IP68/IPX9K protection levels even in a mated state.



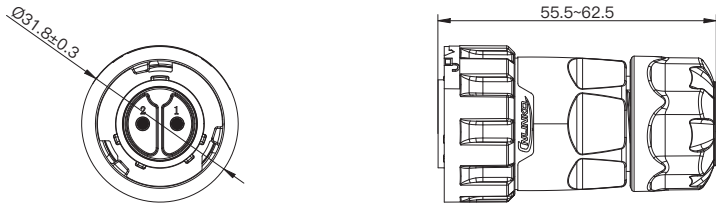
YM20 Power/Signal	Product Series		YM-20																					
	Pin Number		2PIN		3PIN		4PIN		5PIN		5PIN		7PIN		8PIN		9PIN		12PIN		14PIN		RJ45	
	Contact Layout		 Male  Female		 Male  Female		 Male  Female		 Male  Female		 Male  Female		 Male  Female		 Male  Female		 Male  Female		 Male  Female		 Male  Female			
	Current Rating(A)		20		20		20		10		10/5		10		20/5		5		5		5		1.5	
	Voltage Rating(V)		500		500		500		500		300		500		250		250		250		250		125	
	Cable O.D(mm)		φ5.0~φ6.5 φ6.5~φ8.5 φ8.5~φ10.0		φ10.0~φ12.0 (Configuration Options)						φ5.0~φ6.5		φ6.5~φ8.5		φ8.5~φ10.0		φ10.0~φ12.0		(Configuration Options)					
	Wire Gauge		2.5~4.0mm ² /14~12AWG		2.5~4.0mm ² /14~12AWG		2.5~4.0mm ² /14~12AWG		1.0~1.5mm ² / 18~16AWG		1.0~1.5mm ² / 18~16AWG 0.34~0.5mm ² /22~20AWG		1.0~1.5mm ² / 18~16AWG		2.5~4.0mm ² /14~12AWG 0.34~0.5mm ² /22~20AWG		0.34~0.5mm ² /22~20AWG		0.34~0.5mm ² /22~20AWG		0.34~0.5mm ² /22~20AWG		—	
	Protection Level		Connection Status IP68/IPX9K																					
	Terminal Type Other		Soldering/Screwing		Soldering/Screwing		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering		CAT.6	
Illustration		Material	Part No											Part No										
		Plastic	Male	YM-20-C02PE-02-002A	YM-20-C03PE-02-002A	YM-20-C04PE-02-002A	YM-20-C05PE-02-002A		YM-20-C05PE-02-0xxA	YM-20-C07PE-02-002A	YM-20-C08PE-02-051A	YM-20-C09PE-02-002A	YM-20-C12PE-02-002A	YM-20-C14PE-02-002A	YM-20-C/RJ45/015/PE-42-002									
			Female	YM-20-J02PE-02-002A	YM-20-J03PE-02-002A	YM-20-J04PE-02-002A	YM-20-J05PE-02-002A		YM-20-J05PE-02-0xxA	YM-20-J07PE-02-002A	YM-20-J08PE-02-051A	YM-20-J09PE-02-002A	YM-20-J12PE-02-002A	YM-20-J14PE-02-002A	—									
			Female	YM-20-J02PP-02-001A	YM-20-J03PP-02-001A	YM-20-J04PP-02-001A	YM-20-J05PP-02-001A		YM-20-J05PP-02-0xxA	YM-20-J07PP-02-001A	YM-20-J08PP-02-051A	YM-20-J09PP-02-001A	YM-20-J12PP-02-001A	YM-20-J14PP-02-001A	YM-20-J/RJ45/213/SX-42-002									
			Male	YM-20-C02PP-02-001A	YM-20-C03PP-02-001A	YM-20-C04PP-02-001A	YM-20-C05PP-02-001A		YM-20-C05PP-02-0xxA	YM-20-C07PP-02-001A	YM-20-C08PP-02-051A	YM-20-C09PP-02-001A	YM-20-C12PP-02-001A	YM-20-C14PP-02-001A	—									
			Female	YM-20-J02SX-02-106B	YM-20-J03SX-02-106B	YM-20-J04SX-02-106B	YM-20-J05SX-02-106B		YM-20-J06SX-02-1xxB	YM-20-J07SX-02-106B	YM-20-J08SX-02-106B	YM-20-J09SX-02-106B	YM-20-J12SX-02-106B	YM-20-J14SX-02-106B	YM-20-J/RJ45/213/SX-42-102									
			Male	YM-20-C02SX-02-101A	YM-20-C03SX-02-101A	YM-20-C04SX-02-101A	YM-20-C05SX-02-101A		YM-20-C06SX-02-1xxA	YM-20-C07SX-02-101A	YM-20-C08SX-02-151A	YM-20-C09SX-02-101A	YM-20-C12SX-02-101A	YM-20-C14SX-02-101A	—									
			Female	YM-20-J02SX-02-406B	YM-20-J03SX-02-406B	YM-20-J04SX-02-406B	YM-20-J05SX-02-406B		YM-20-J06SX-02-xxx	YM-20-J07SX-02-406B	YM-20-J08SX-02-406B	YM-20-J09SX-02-406B	YM-20-J12SX-02-406B	YM-20-J14SX-02-406B	YM-20-J/RJ45/213/SX-42-402									
			Male	YM-20-C02SX-02-402A	YM-20-C03SX-02-402A	YM-20-C04SX-02-402A	YM-20-C05SX-02-402A		YM-20-C05SX-02-4xxA	YM-20-C07SX-02-402A	YM-20-C08SX-02-451A	YM-20-C09SX-02-402A	YM-20-C12SX-02-402A	YM-20-C14SX-02-403A	—									

YM SERIES

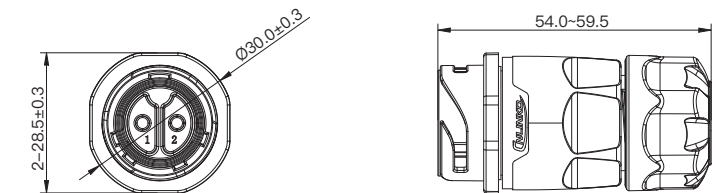
YM SERIES

YM-20 Dimension Drawing (unit: mm)

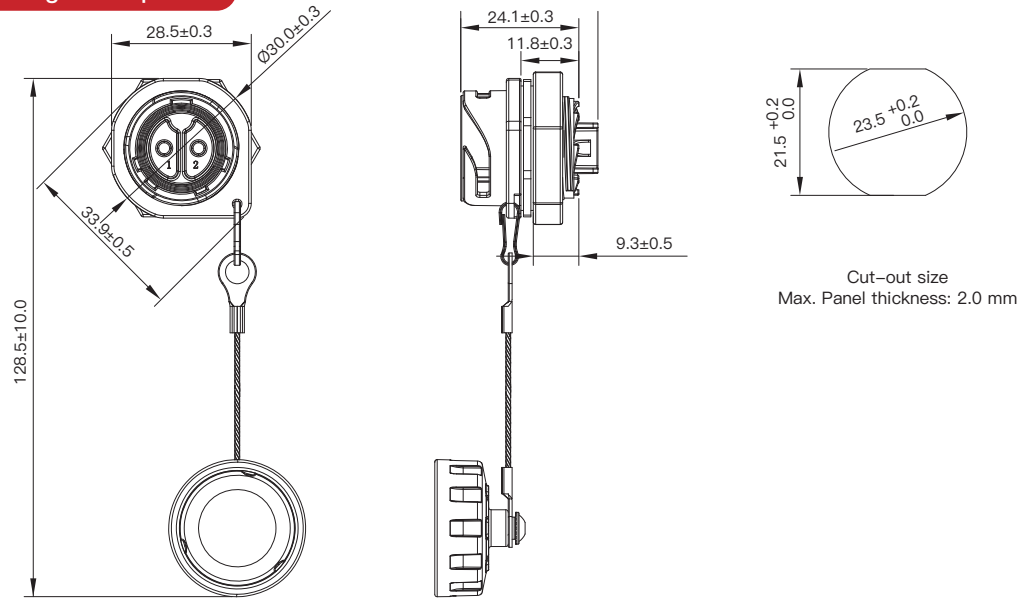
Plug



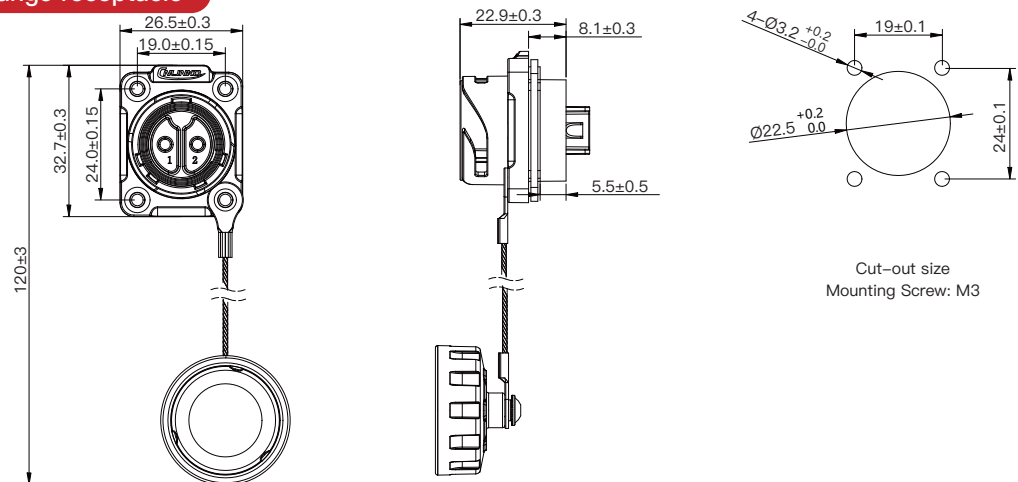
In-line receptacle



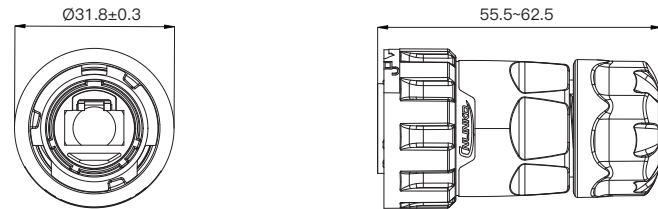
Single hole straight receptacle



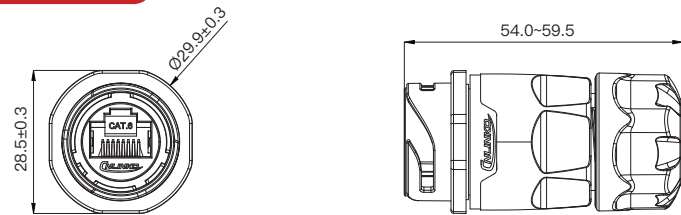
Four-hole flange receptacle



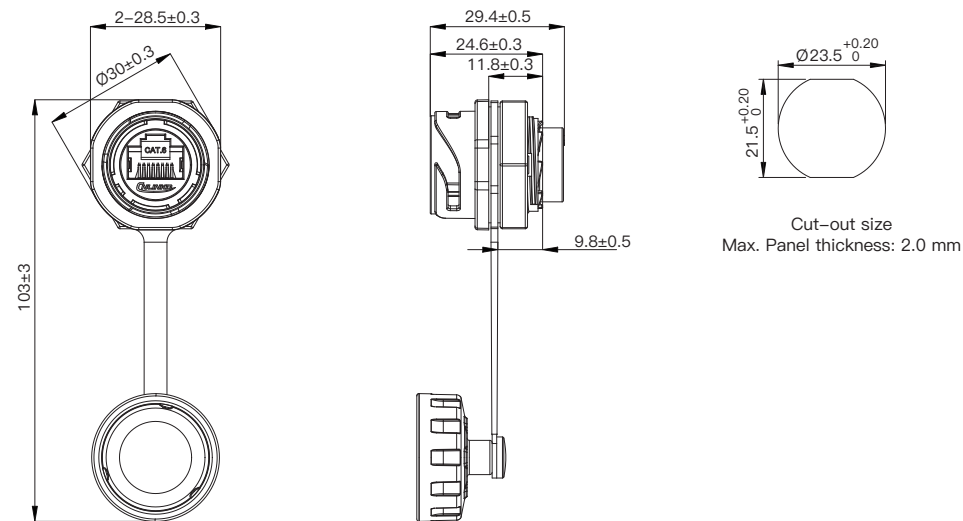
RJ45 Plug



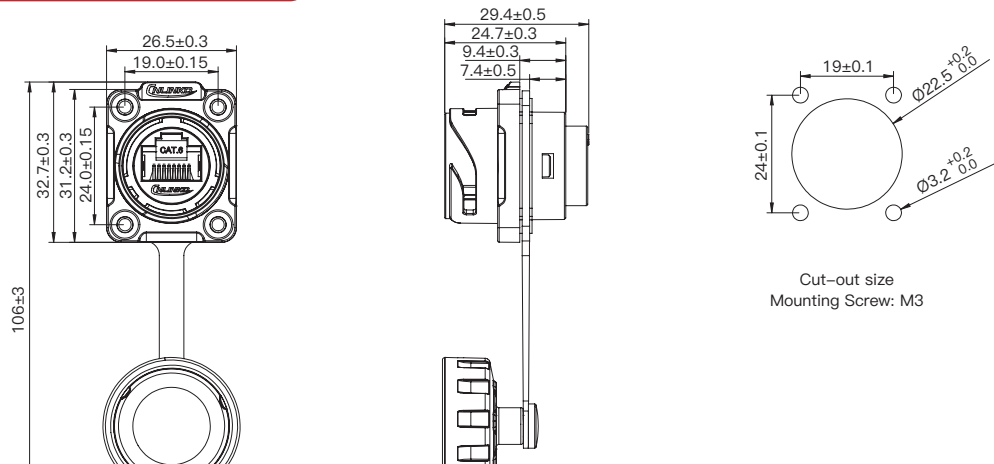
RJ45 In-line receptacle



RJ45 Single hole straight receptacle



RJ45 Four-hole flange receptacle



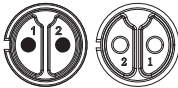
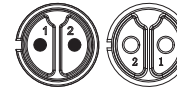
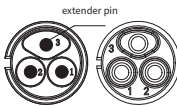
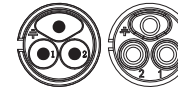
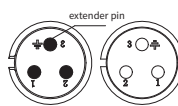
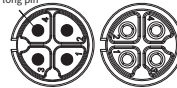
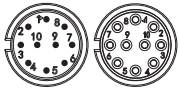
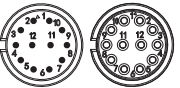
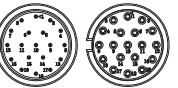
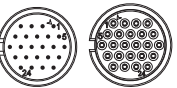


YM SERIES

YM-24 Datasheet

YM-24

YM SERIES

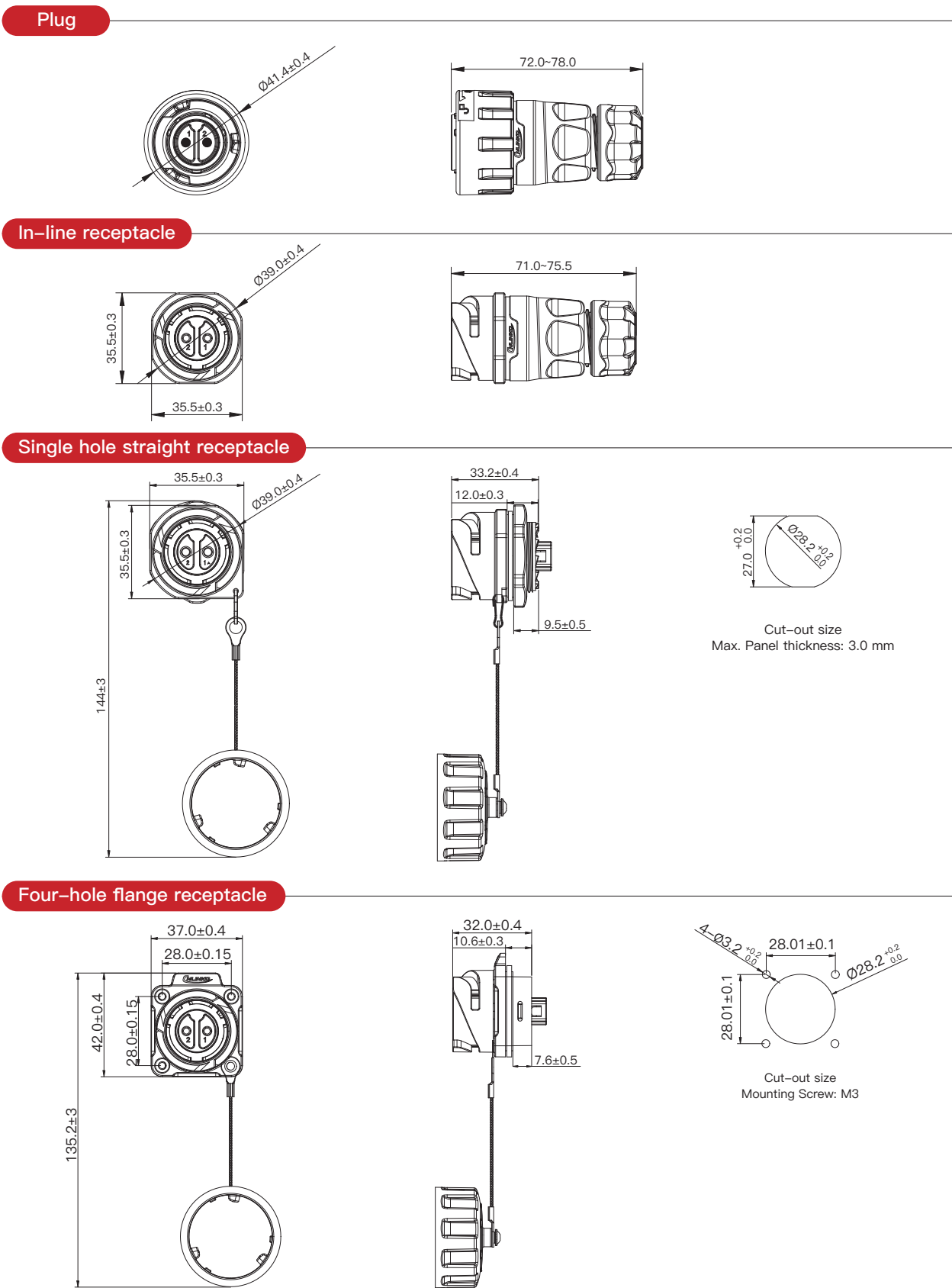
YM24 Power/Signal	Product Series		YM-24																							
	Pin Number		2PIN				3PIN				3PIN		4PIN		10PIN		12PIN		19PIN		24PIN		RJ45			
	Contact Layout																									
	Current Rating(A)		25		35		25		35		45		25		10		10		5		5		1.5			
	Voltage Rating(V)		500		300		500		300		230		500		500		500		250		250		125			
	Cable O.D(mm)		φ5.0~φ7.0		φ7.0~φ10.5		φ10.5~φ13.2		(Configuration Options)																	
	Wire Gauge		2.5~4.0mm²/14~12AWG		6.0~8.0mm²/10~8AWG		2.5~4.0mm²/14~12AWG		6.0~8.0mm²/10~8AWG		10(single cord)mm² 8~6AWG		2.5~4.0mm²/14~12AWG		1.0~1.5mm²/ 18~16AWG		1.0~1.5mm²/ 18~16AWG		0.34~0.5mm²/ 22~20AWG		0.34~0.5mm²/ 22~20AWG		—			
	Protection Level		Connection Status IP68/IPX9K											Connection Status IP68/IPX9K												
	Terminal Type Other		Soldering/Screwing		Soldering		Soldering/Screwing		Soldering		Soldering		Soldering/Screwing		Soldering		Soldering		Soldering		Soldering		CAT.3~CAT.6			
Illustration		Material	Part No												Part No											
Plug		Plastic	Male	YM-24-C02PE-02-001	YM-24-C02PE-02-035	YM-24-C03PE-02-001	YM-24-C03PE-02-035	YM-24-C03PE-02-050	YM-24-C04PE-02-001	YM-24-C10PE-02-001A	YM-24-C12PE-02-001A	YM-24-C19PE-02-001A	YM-24-C24PE-02-050	YM-24-C/RJ45/015/PE-42-001												
			Female	YM-24-J02PE-02-001	YM-24-J02PE-02-035	YM-24-J03PE-02-001	YM-24-J03PE-02-035	YM-24-J03PE-02-050	YM-24-J04PE-02-001	YM-24-J10PE-02-001A	YM-24-J12PE-02-001A	YM-24-J19PE-02-001A	YM-24-J24PE-02-050	—												
In-line receptacle			Female	YM-24-J02PP-02-001	YM-24-J02PP-02-035	YM-24-J03PP-02-001	YM-24-J03PP-02-035	YM-24-J03PP-02-050	YM-24-J04PP-02-001	YM-24-C10PP-02-001A	YM-24-J12PP-02-001A	YM-24-J19PP-02-001A	YM-24-J24PP-02-050	—												
			Male	YM-24-C02PP-02-001	YM-24-C02PP-02-035	YM-24-C03PP-02-001	YM-24-C03PP-02-035	YM-24-C03PP-02-050	YM-24-C04PP-02-001	YM-24-J10PP-02-001A	YM-24-C12PP-02-001A	YM-24-C19PP-02-001A	YM-24-C24PP-02-050	—												
Single hole straight receptacle			Female	YM-24-J02SX-02-106	YM-24-J02SX-02-135	YM-24-J03SX-02-101	YM-24-J03SX-02-135	YM-24-J03SX-02-150	YM-24-J04SX-02-106	YM-24-J10SX-02-107	YM-24-J12SX-02-107	YM-24-J19SX-02-107	YM-24-J24SX-02-107	YM-24-J/RJ45/213/SX-42-102												
			Male	YM-24-C02SX-02-101	YM-24-C02SX-02-135	YM-24-C03SX-02-101	YM-24-C03SX-02-135	YM-24-C03SX-02-150	YM-24-C04SX-02-101	YM-24-J10SX-02-101A	YM-24-C12SX-02-101A	YM-24-C19SX-02-101A	YM-24-C24SX-02-150	—												
Four-hole flange receptacle			Female	YM-24-J02SX-02-406	YM-24-J02SX-02-435	YM-24-J03SX-02-401	YM-24-J03SX-02-435	YM-24-J03SX-02-450	YM-24-J04SX-02-406	YM-24-J10SX-02-406	YM-24-J12SX-02-406	YM-24-J19SX-02-406	YM-24-J24SX-02-407	YM-24-J/RJ45/213/SX-42-406												
			Male	YM-24-C02SX-02-401	YM-24-C02SX-02-435	YM-24-C03SX-02-401	YM-24-C03SX-02-435	YM-24-C03SX-02-450	YM-24-C04SX-02-401	YM-24-J10SX-02-401A	YM-24-C12SX-02-401A	YM-24-C19SX-02-401A	YM-24-C24SX-02-450	—												

YM-24 Datasheet

YM-24

YM24 Power/Signal	Product Series		YM-24				
	Pin Number		USB2.0	USB3.0	DAV2.0	DAV2.1	Optical fiber
	Contact Layout						
	Current Rating(A)		1.5	1.8	0.5	0.5	—
	Voltage Rating(V)		5	5	5	5	—
	Cable O.D(mm)		φ5.0~φ7.0	φ7.0~φ10.5	φ10.5~φ14.0	(Configuration Options)	
	Wire Gauge		—	—	—	—	—
	Protection Level		Connection Status IP68/IPX9K				
Illustration	Terminal Type Other		480 Mbps	5.0 Gbps	18 Gbps	48 Gbps	plug-in loss≤0.35dB return loss≥50dB
	Material	Part No					
	Plastic	Male	YM-24-USB2-MP- MP-1M-001	YM24-USB3-MP- MP-1M-001	YM24-HD-MP- MP-1M-001	YM24-HD-MP- MP-1M-003	YM-24-C/LC/016 /PE-42-002 YM-24-C/LC/016 /PE-42-001
		Female	—	—	—	—	—
		Female	YM-24-J/USB2/ 213/SX-42-101A	YM-24-J/USB3/ 213/SX-42-101A	YM-24-HDSX- 42-101	YM-24-HDSX- 42-102	YM-24-J/LC/213 /SX-42-102 YM-24-J/LC/213 /SX-42-101
		Male	—	—	—	—	—
		Female	YM-24-J/USB2/ 213/SX-42-401A	YM-24-J/USB3/ 213/SX-42-401A	YM-24-HDSX- 42-401	YM-24-HDSX- 42-402	YM-24-J/LC/213 /SX-42-402 YM-24-J/LC/213 /SX-42-401
		Male	—	—	—	—	—

YM-24 Dimension Drawing (unit: mm)



Manufacturer of Industrial Waterproof Connector With High Reliability



DL SERIES

DL SERIES

DL Circular Plastic Waterproof Connector

DL SERIES

DL waterproof connector application type



The DL28 Series connector is a high-current solution designed to replace traditional IEC 60309 plugs. It features a footprint nearly 50% smaller and double the current capacity, making it ideal for compact spaces and high-density equipment. Capable of handling 50A and above, it ensures reliable power transmission through a dual-safe "Bayonet-style Helical Coupling + Three-Point Locking" mechanism and is equipped with finger-safe male/female terminals. The DL28 Series is redefining the future of high-current, compact connectivity.

• Series product information:

Series code:	DL-28
Hole size:	Please refer to the external dimension drawing for detailed hole size
Application types:	Multi-PIN (2, 3, 4, 5 pin and customized)
Material type:	Plastic type

• Introduction:

This product line includes both power and signal types. It surpasses the IEC 60309 plug with a nearly 50% smaller footprint, double the current capacity, and a more secure dual-safe "Secondary Lock" mechanism. The finger-safe terminal design effectively prevents accidental contact, significantly reducing the risk of electric shock.

• Main body material, process and surface treatment:

Shell:	Material: Engineering Plastic Production process: Injection molding
--------	---

• Module material, process and surface treatment:

Contact:	Material: Male/Female Pin (Copper Alloy) Production Process: Machining & Stamping
	Surface Treatment: Plated in Gold/Silver
Insulator:	Material: Engineering Plastic Production process: injection molding

• Packaging and Storage:

The product is in a sealed bag, with a small box in the large box, and a label on the small box. The label indicates the product name, model, batch number, and number of products. Packaged products are recommended to be stored in a warehouse with an ambient temperature of 25°C±3°C,a relative humidity of ≤75%, and no acidic, alkaline and other corrosive gases in the surrounding air. Other storage environments may affect product life.

• Check the official website DL series area:

Scan the QR code below to check the DL area of CNLINKO's official website. If you have any doubts, you can contact the online customer service for more detailed product information.



DL Series Overview



DL Series Installation Guide



Manufacturer of Industrial Waterproof Connector With High Reliability



Applications



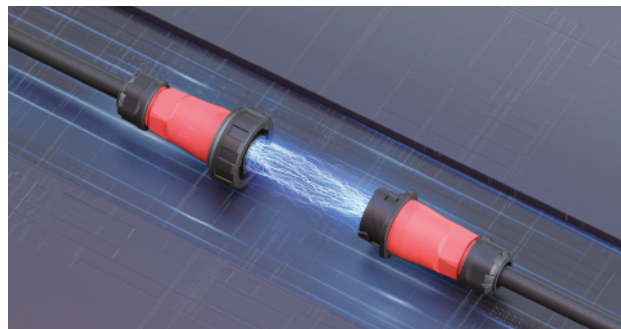
— The DL28 Series for Unmanned Surface Vessels—

Features Overview



Compact Size, Unmatched Power

A fraction of the size, twice the power: the DL28 Series connector outperforms traditional IEC 60309 plugs by being 50% more compact while unlocking 100% more current.



Engineered for High Power & Heavy Currents

Delivers robust 50A+ power, providing unwavering reliability for demanding high-current, high-power applications.



Double Lock, Ultimate Security

Unshakable Connection: Our dual "Bayonet & Anti-Retraction Ring" lock is engineered to withstand extreme shock and vibration.



Total Safety: Finger-Safe Shock Prevention

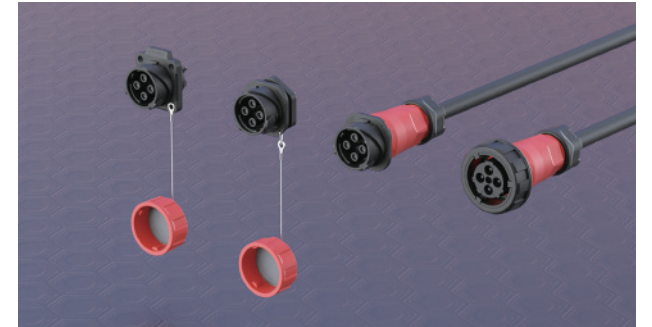
With a certified finger-safe design on all terminals, we ensure complete shock protection in full compliance with stringent safety testing.

Type and Style



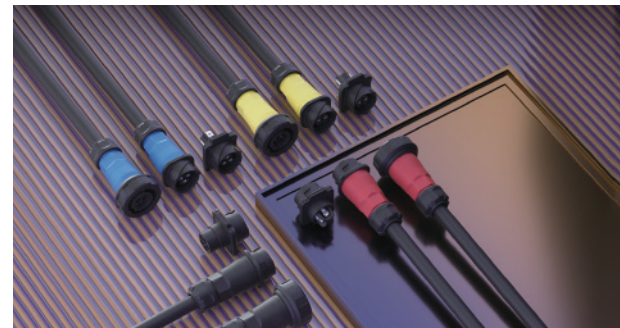
All-Plastic, Corrosion-Resistant, Lightweight

Featuring a SABIC engineering plastic housing for enhanced corrosion resistance and significant weight reduction over all-metal models.



Variety. Compatibility. Your Choice

Choose from multiple socket types—Panel Receptacle, Single hole mount, and Four hole mount to precisely match your connectivity requirements.



A Spectrum of Colors, Clarity at a Glance

Color-coded by core count for instant identification, with the option for you to select or custom-match colors, helping you streamline visual management.

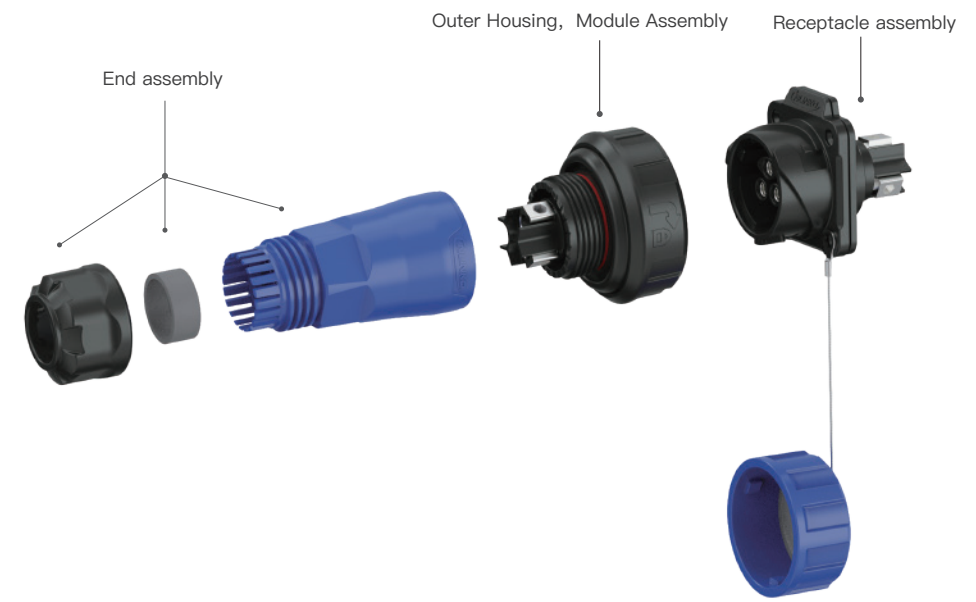


Modular Design to Accelerate Your Time-to-Market

Achieve mass production standards in just 20 days. Our modular inner cores are designed for easy customization of non-standard pin counts.

Product Structure Image

Dozens of high-quality parts are precisely engaged to ensure the safety and stability of the connector.



Manufacturer of Industrial Waterproof Connector With High Reliability



DL SERIES

Series Infographic



DL–28 Series Information Overview			P75
Product application type:	Power: 2/3/4/5 pin		
	Voltage Rating: 500V(2 pin/3 pin), 690V(4 pin/5 pin)		
	Current Rating: 50A		
Cable O.D:	Multi-pin type: Φ12.5~15.0mm/Φ15.0~17.5mm/Φ17.5~20.5mm(2 pin),Φ17.5~20.5mm(3 pin/4 pin/5 pin)		
Details page:	Product Parameter Map: P81	Dimension Drawing: P84	

Main feature:

- Nearly 50% smaller than IEC 60309 plugs with double the current-carrying capacity;
- A secondary locking mechanism featuring a "Bayonet Coupling + Anti-Retraction Outer Ring" for doubled stability;
- Supports high-current transmission of 50A and above;
- Finger-safe physical design on male and female terminals for enhanced shock prevention;
- Anti-loosening design prevents wire twisting during installation/removal and offers greater vibration resistance;
- Achieves IP68/IPX9K protection rating when interconnected;
- Modular inner core design enables fast customization and rapid delivery.



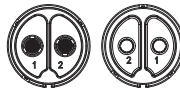
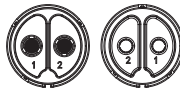
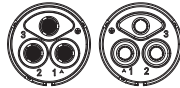
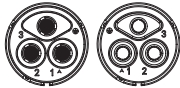
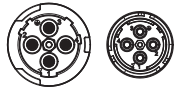
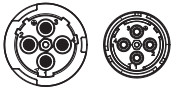


DL-28 Datasheet

DL-28

DL SERIES

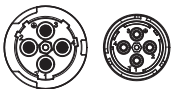
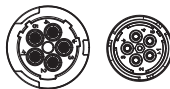
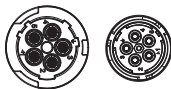
DL SERIES

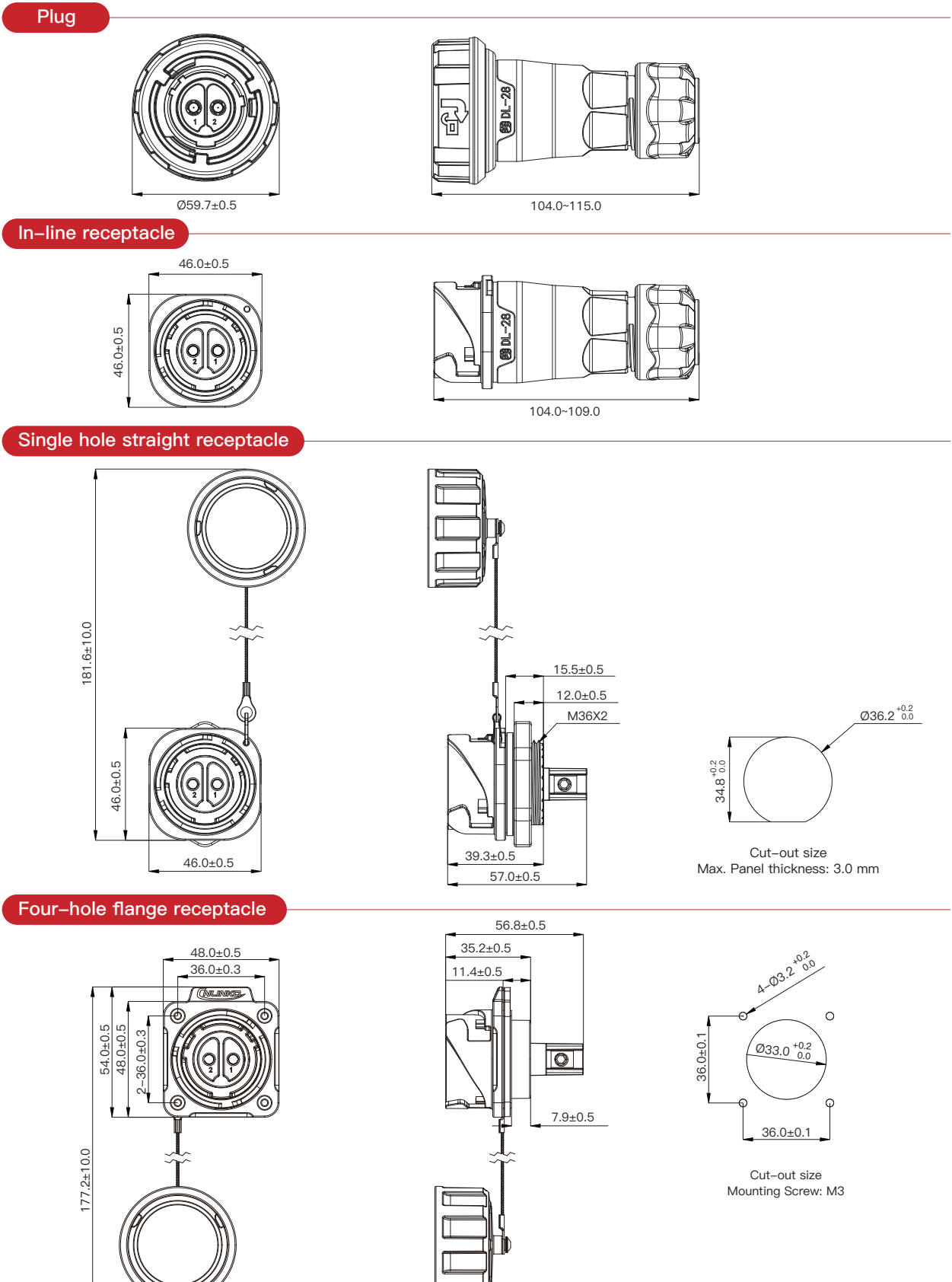
DL28 Power/Signal	Product Series		DL-28											
	Pin Number		2PIN		2PIN		3PIN		3PIN		4PIN		4PIN	
	Contact Layout		 Male Female		 Male Female		 Male Female		 Male Female		 Male Female		 Male Female	
	Current Rating(A)		50		50		50		50		50		50	
	Voltage Rating(V)		500		500		500		500		690		690	
	Cable O.D(mm)		φ10.0~φ15.0 / φ15.0~φ17.5 / φ17.5~φ20.5 (Configuration Options)											
	Wire Gauge		10.0~16.0mm²/8-6AWG		10.0~16.0mm²/8-6AWG		10.0~16.0mm²/8-6AWG		10.0~16.0mm²/8-6AWG		10.0mm²/8AWG		10.0mm²/8AWG	
	Protection Level		Connection Status IP68/IPX9K											
	Terminal Type Other		Screwing		Crimping		Screwing		Crimping		Screwing		Crimping	
Illustration	Material	Part No												
Plug 	Plastic	Male	DL-28-C02PE-22-001A	DL-28-C02PE-32-0xxx	DL-28-C03PE-22-001A		DL-28-C03PE-32-0xxx		DL-28-C04PE-22-001A		DL-28-C04PE-32-001A			
		Female	DL-28-J02PE-22-0xxx	DL-28-J02PE-32-0xxx	DL-28-J03PE-22-0xxx		DL-28-J03PE-32-0xxx		DL-28-J04PE-22-0xxx		DL-28-J04PE-32-0xxx			
In-line receptacle 		Female	DL-28-J02PP-22-001A	DL-28-J02PP-32-0xxx	DL-28-J03PP-22-001A		DL-28-J03PP-32-0xxx		DL-28-J04PP-22-001A		DL-28-J04PP-32-001A			
		Male	DL-28-C02PP-22-0xxx	DL-28-C02PP-32-0xxx	DL-28-C03PP-22-0xxx		DL-28-C03PP-32-0xxx		DL-28-C04PP-22-0xxx		DL-28-C04PP-32-0xxx			
Single hole straight receptacle 		Female	DL-28-J02SX-22-101A	DL-28-J02SX-32-1xxx	DL-28-J03SX-22-101A		DL-28-J03SX-32-1xxx		DL-28-J04SX-22-101A		DL-28-J04SX-32-101A			
		Male	DL-28-C02SX-22-1xxx	DL-28-C02SX-32-1xxx	DL-28-C03SX-22-1xxx		DL-28-C03SX-32-1xxx		DL-28-C04SX-22-1xxx		DL-28-C04SX-32-1xxx			
Four-hole flange receptacle 		Female	DL-28-J02PP-22-001A	DL-28-J02SX-32-4xxx	DL-28-J03SX-22-401A		DL-28-J03SX-32-4xxx		DL-28-J04SX-22-401A		DL-28-J04SX-32-401A			
		Male	DL-28-C02PP-22-0xxx	DL-28-C02PP-32-0xxx	DL-28-C03PP-22-0xxx		DL-28-J03SX-32-4xxx		DL-28-C04PP-22-0xxx		DL-28-C04PP-32-0xxx			

DL-28 Datasheet

DL-28

DL-28 Dimension Drawing (unit: mm)

DL28 Power/Signal	Product Series		DL-28					
	Pin Number		4PIN		5PIN		5PIN	
	Contact Layout		 Male Female		 Male Female		 Male Female	
	Current Rating(A)		50		50		50	
	Voltage Rating(V)		690		690		690	
	Cable O.D(mm)		φ10.0~φ15.0 / φ15.0~φ17.5 / φ17.5~φ20.5 (Configuration Options)					
	Wire Gauge		10.0mm ² /8AWG		10.0~16.0mm ² /8~6AWG		10.0mm ² /8AWG	
	Protection Level		Connection Status IP68/IPX9K					
	Terminal Type Other		Soldering		Screwing		Crimping	
Illustration		Material	Part No					
Plug 		Plastic	Male	DL-28-C04PE-02-001A	DL-28-C05PE-22-001A	DL-28-C05PE-32-0xxx		
			Female	DL-28-J04PE-02-0xxx	DL-28-J05PE-22-0xxx	DL-28-J05PE-32-0xxx		
In-line receptacle 			Female	DL-28-J04PP-02-001A	DL-28-J05PP-32-001A	DL-28-J05PP-32-0xxx		
			Male	DL-28-C04PP-02-0xxx	DL-28-C05PP-22-0xxx	DL-28-C05PP-32-0xxx		
Single hole straight receptacle 			Female	DL-28-J04SX-02-101A	DL-28-J05SX-22-1xxx	DL-28-J05SX-32-101A		
			Male	DL-28-C04SX-02-1xxx	DL-28-C05SX-22-1xxx	DL-28-C05SX-32-1xxx		
Four-hole flange receptacle 			Female	DL-28-J04SX-02-401A	DL-28-J05SX-22-4xxx	DL-28-J05SX-32-101A		
			Male	DL-28-C04PP-02-0xxx	DL-28-C04PP-22-0xxx	DL-28-C04PP-32-0xxx		



Manufacturer of Industrial Waterproof Connector With High Reliability



BD SERIES

BD quick disconnect
Waterproof connector

BD SERIES

BD SERIES

BD waterproof connector application type

CNLINKO' s BD Series (M20 & M24 type) waterproof connectors feature a streamlined, dynamic design with one-push quick disconnection on the device side. This mechanism prevents button failure caused by improper manual operation, effectively extending the product's service life. The precise internal structure, combined with a robust metal housing, ensures secure and stable transmission performance while maintaining reliable electrical stability during equipment operation.

• Series product information:

Series code:	BD- 20, BD- 24
Hole size:	Please refer to the external dimension drawing for detailed hole size.
Application types:	Multiple Pins (2,3,4,5,7,9,10,12,14,19, 24 pins and customized 3+2, 2+6 pins, etc.) Signal (RJ45, optical fiber) Data (USB2.0, USB3.0, DAV)
Material type:	Plastic type, metal type

• Introduction:

Product types include eight categories,and there are power, multi-core, hybrid, USB2.0, USB3.0, DAV, RJ45, optical fiber. The metal type uses a zinc alloy shell with high strength;and the plastic type uses engineering plastic shell and is light in weight. The product adopts snap lock, which can be operated with one hand, and easy to operate, safe and reliable.

• Main body material, process and surface treatment:

Shell:	Material: Engineering Plastic/Metal	Surface treatment: Chrome plating
	Production Process: Injection Molding & Die Casting & Machining Surface	

• Module material, process and surface treatment:

Contact:	Material: Male/Female Pin (Copper Alloy)	Production Process: Machining & Stamping
	Surface Treatment: Plated in Gold/Silver	
LC Fiber Contact Material:	Male/Female end (High Modulus Glass Fiber)	
Insulator:	Material: Engineering Plastic	Production process: injection molding

• Packaging and Storage:

The product is in a sealed bag, with a small box in the large box, and a label on the small box. The label indicates the product name, model, batch number, and number of products. Packaged products are recommended to be stored in a warehouse with an ambient temperature of 25°C±3°C,a relative humidity of ≤75%, and no acidic, alkaline and other corrosive gases in the surrounding air. Other storage environments may affect product life.

• Check the official website BD series area:

Scan the QR code below to check the BD area of CNLINKO's official website. If you have any doubts, you can contact the online customer service for more detailed product information.



BD Series Overview



BD Series Installation Guide

Manufacturer of Industrial Waterproof Connector With High Reliability



Applications



BD-24 series are used in a mechanical equipment control box

Features Overview



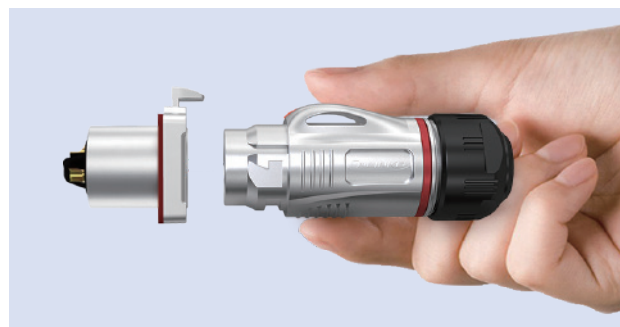
Won the German Red Dot Design Award

The BD series won the German Red Dot Design Award. It is a perfect combination of artistic beauty and industrial products, which once again interprets the excellent innovative design concept of CNLINKO.



Built-in design

The connector socket is embedded into the device, reducing the distance between the installation panel and the exposed product, saving external space.



Push-in snap design

The in-line snap design can realize one-hand in-line insertion, quick connection, convenient and efficient.



High protection level

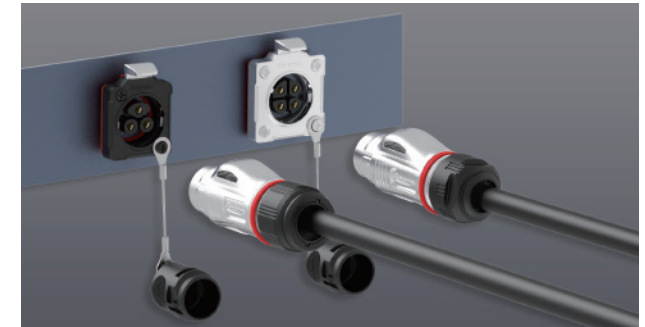
The highest protection level can reach waterproof IP68/IPX9K when connected, which can adapt to various harsh working conditions.

Type and Style



Two types are available

Plastic and metal types are optional, which can meet the differentiated demands of users for high corrosion resistance, vibration resistance and impact resistance, and high strength.



Flexible installation methods

The BD series has four-hole flanged panel mount sockets and two-hole flanged panel mount sockets for optional. Users can choose them according to actual application scenarios.



A variety of wiring methods

The BD Series offers three connection types: screw clamping, soldering, and crimping. The screw terminal allows for quick and easy installation, soldering ensures a more robust connection, while crimping combines both speed and high reliability.

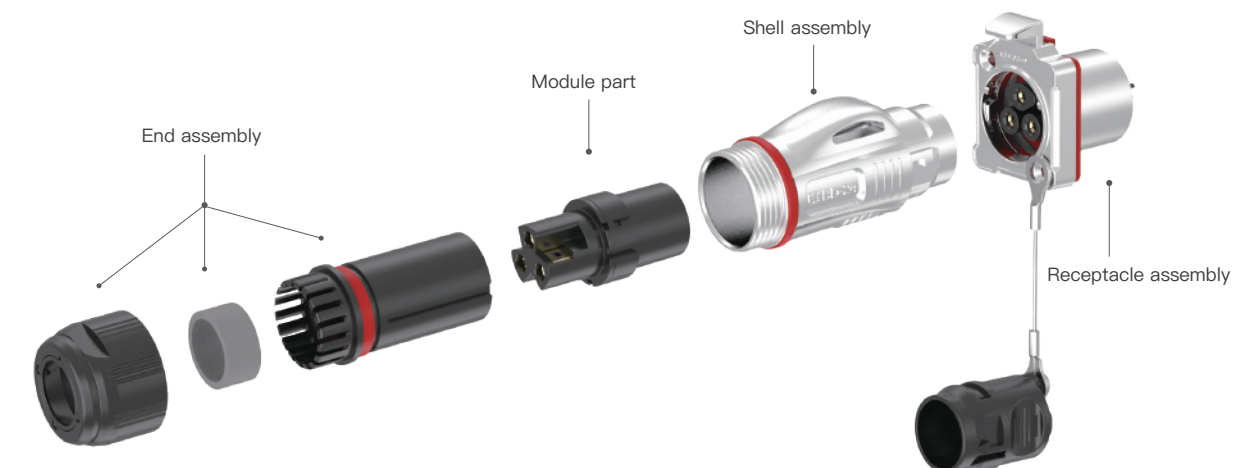


Multi-scene application

The BD series supports various applications such as power supply, data, signal, etc., and the application requirements of various symbols.

Product Structure Image

Dozens of high-quality parts are precisely engaged to ensure the safety and stability of the connector.



Manufacturer of Industrial Waterproof Connector With High Reliability



BD SERIES

Series Infographic

BD SERIES



BD–20 Series Information Overview			P91
Product application type:	Power: 2/3/4 pin		
	Signal: 5/7/9/12/14 pin		
	Voltage Rating: 500V(2~5, 7 pin), 300V(5 pin hybrid), 250V(8 pin hybrid, 9, 12, 14 pin) Current Rating: 20A(2~4 pin), 20A+5A(8 pin hybrid), 10A+5A(5 pin hybrid), 10A(5, 7 pin), 5A(9, 12, 14 pin)		
Cable O.D:	Multi-pin type: Φ5.0~6.5mm、Φ6.5~8.5mm、Φ8.5~10.0mm、Φ10.0~12.0mm		
Details page:	Product Parameter Map: P91		Dimension Drawing: P93

BD-24 Series Information Overview			P95
Product application type:	Power: 2/3/4 pin Signal: 10/12/19/24 pin, RJ45, Optical fiber		
	Data: USB, DAV		
	Voltage Rating: 500V(2~4, 10, 12 pin), 300V(2, 3 pin), 250V(19, 24 pin), 230V(3 pin) Current Rating: 45A(3 pin), 35A(2, 3 pin), 25A(2~4 pin), 10A(10, 12 pin), 5A(19, 24 pin)		
Cable O.D:	Multi-pin type: Φ5.0~7.0mm, Φ7.0~10.5mm, Φ10.5~14.0mm		
	Multi-pin type: Φ5.0~Φ7.0mm(USB, DAV)		
	Multi-pin type: Φ5.0~Φ7.0mm(RJ45), Φ5.0~Φ7.0mm(Optical fiber)		
Details page:	Product Parameter Map: P95	Dimension Drawing: P98	

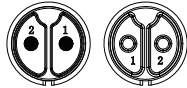
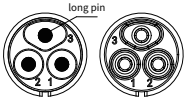
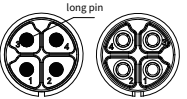
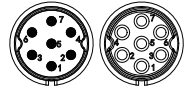
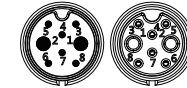
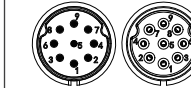
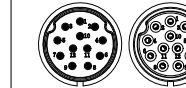
Main feature:

- Multi–purpose applicable design (power, data, signal) to meet diverse application needs;
- With strong applicability and complete electromagnetic and radio frequency interference protection;
- Unique integrated streamlined design;
- Gold–plated contacts, high corrosion resistance and electrical conductivity;
- The product meets waterproof IP68/IPX9K protection level in the connected state.



BD-20 Datasheet

BD-20

BD20 Power/Signal	Product Series		BD-20																			
	Pin Number		2PIN		3PIN		4PIN		5PIN		5PIN		7PIN		8PIN		9PIN		12PIN		14PIN	
	Contact Layout		 Male Female		 Male Female		 Male Female		 Male Female		 Male Female		 Male Female		 Male Female		 Male Female		 Male Female		 Male Female	
	Current Rating(A)		20		20		20		10		10+5		10		20+5		5		5		5	
	Voltage Rating(V)		500		500		500		500		300		500		250		250		250		250	
	Cable O.D(mm)		φ5.0~φ6.5 φ6.5~φ8.5 φ8.5~φ10.0 φ10.0~φ12.0 (Configuration Options)										φ5.0~φ6.5 φ6.5~φ8.5 φ8.5~φ10.0 φ10.0~φ12.0 (Configuration Options)									
	Wire Gauge		2.5~4.0mm²/14~12AWG		2.5~4.0mm²/14~12AWG		2.5~4.0mm²/14~12AWG		1.0~1.5mm²/ 18~16AWG		1.0~1.5mm²/ 18~16AWG 0.34~0.5mm²/22~20AWG		1.0~1.5mm²/ 18~16AWG		2.5~4.0mm²/14~12AWG 0.34~0.5mm²/22~20AWG		0.34~0.5mm²/22~20AWG		0.34~0.5mm²/22~20AWG		0.34~0.5mm²/22~20AWG	
	Protection Level		Connection Status IP68/IPX9K										Connection Status IP68/IPX9K									
	Terminal Type Other		Soldering/Screwing		Soldering/Screwing		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering	
Illustration		Material	Part No										Part No									
Plug 		Metal	Male	BD-20-C02PE-03-001A	BD-20-C03PE-03-001A	BD-20-C04PE-03-001A	BD-20-C05PE-03-001A	BD-20-C05PE-03-0xxA		BD-20-C07PE-03-001A	BD-20-C08PE-03-001A	BD-20-C09PE-03-001A	BD-20-C12PE-03-001A	BD-20-C14PE-03-001A								
			Female	BD-20-J02PE-03-001A	BD-20-J03PE-03-001A	BD-20-J04PE-03-001A	BD-20-J05PE-03-001A	BD-20-J05PE-03-0xxA		BD-20-J07PE-03-001A	BD-20-J08PE-03-001A	BD-20-J09PE-03-001A	BD-20-J12PE-03-001A	BD-20-J14PE-03-001A								
Four-hole flange receptacle 			Female	BD-20-J02SX-03-403A	BD-20-J03SX-03-403A	BD-20-J04SX-03-403A	BD-20-J05SX-03-403A	BD-20-J05SX-03-4xxA		BD-20-J07SX-03-403A	BD-20-J08SX-03-453A	BD-20-J09SX-03-403A	BD-20-J12SX-03-403A	BD-20-J14SX-03-403A								
			Male	BD-20-C02SX-03-403A	BD-20-C03SX-03-403A	BD-20-C04SX-03-403A	BD-20-C05SX-03-403A	BD-20-C05SX-03-4xxA		BD-20-C07SX-03-403A	BD-20-C08SX-03-453A	BD-20-C09SX-03-403A	BD-20-C12SX-03-403A	BD-20-C14SX-03-403A								
Plug 		Plastic	Male	BD-20-C02PE-02-001A	BD-20-C03PE-02-001A	BD-20-C04PE-02-001A	BD-20-C05PE-02-001A	BD-20-C05PE-02-0xxA		BD-20-C07PE-02-001A	BD-20-C08PE-02-001A	BD-20-C09PE-02-001A	BD-20-C12PE-02-001A	BD-20-C14PE-02-001A								
			Female	BD-20-J02PE-02-001A	BD-20-J03PE-02-001A	BD-20-J04PE-02-001A	BD-20-J05PE-02-001A	BD-20-J05PE-02-0xxA		BD-20-J07PE-02-001A	BD-20-J08PE-02-001A	BD-20-J09PE-02-001A	BD-20-J12PE-02-001A	BD-20-J14PE-02-001A								
			Four-hole flange receptacle 		Female	BD-20-J02SX-02-403A	BD-20-J03SX-02-403A	BD-20-J04SX-02-403A	BD-20-J05SX-02-403A	BD-20-J05SX-02-4xxA		BD-20-J07SX-02-403A	BD-20-J08SX-02-453A	BD-20-J09SX-02-403A	BD-20-J12SX-02-403A	BD-20-J14SX-02-403A						
					Male	BD-20-C02SX-02-403A	BD-20-C03SX-02-403A	BD-20-C04SX-02-403A	BD-20-C05SX-02-403A	BD-20-C05SX-02-4xxA		BD-20-C07SX-02-403A	BD-20-C08SX-02-453A	BD-20-C09SX-02-403A	BD-20-C12SX-02-403A	BD-20-C14SX-02-403A						

BD SERIES

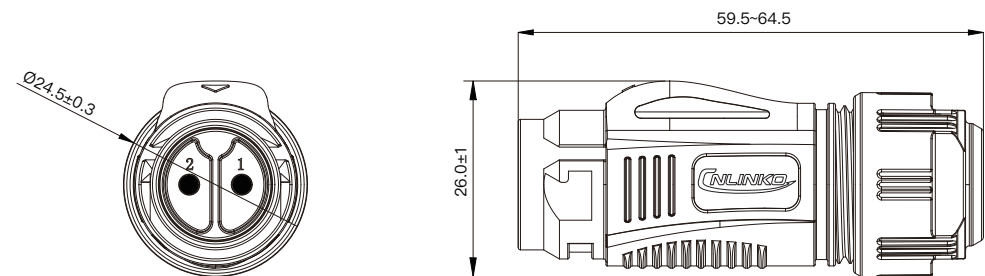
BD SERIES

Manufacturer of Industrial Waterproof Connector With High Reliability

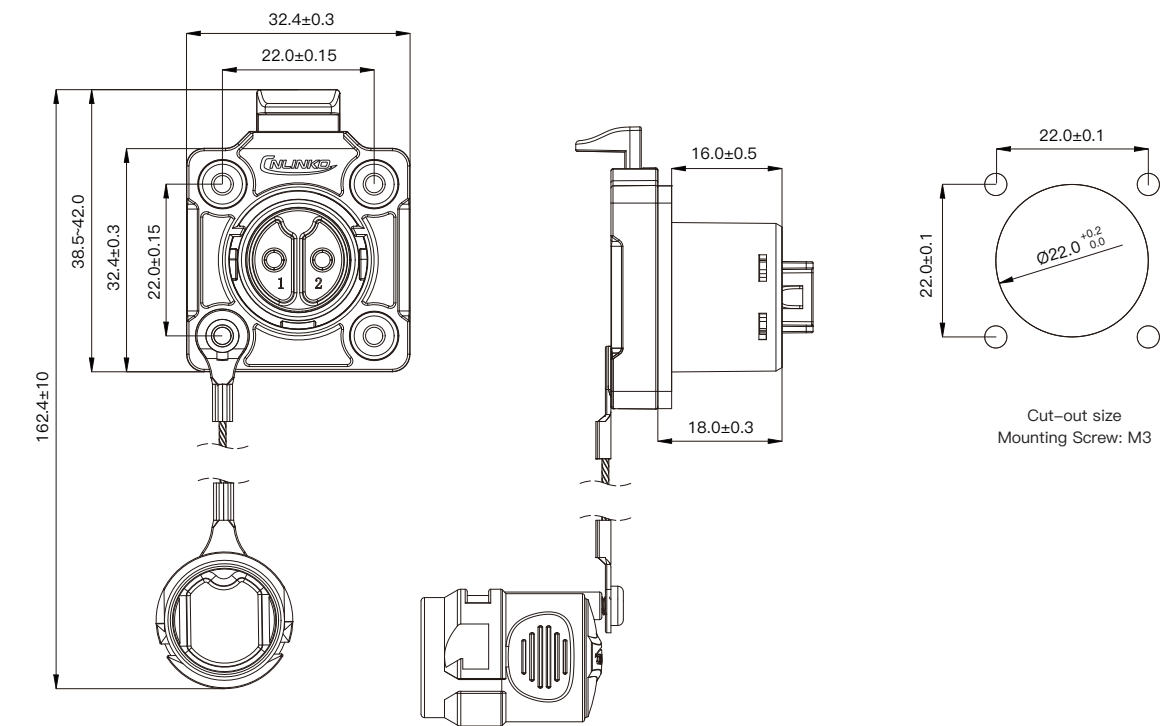


BD-20 Dimension Drawing (unit: mm)

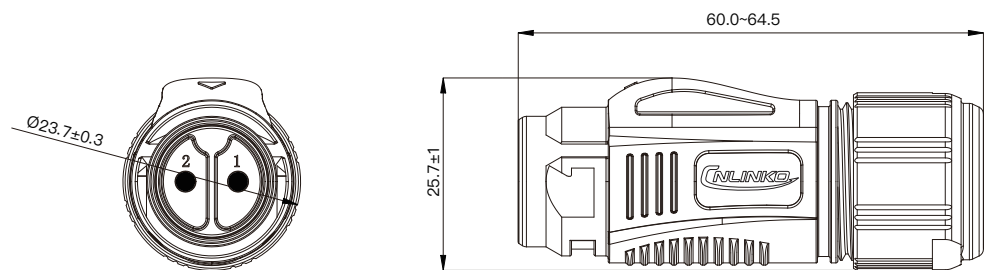
Plastic plug



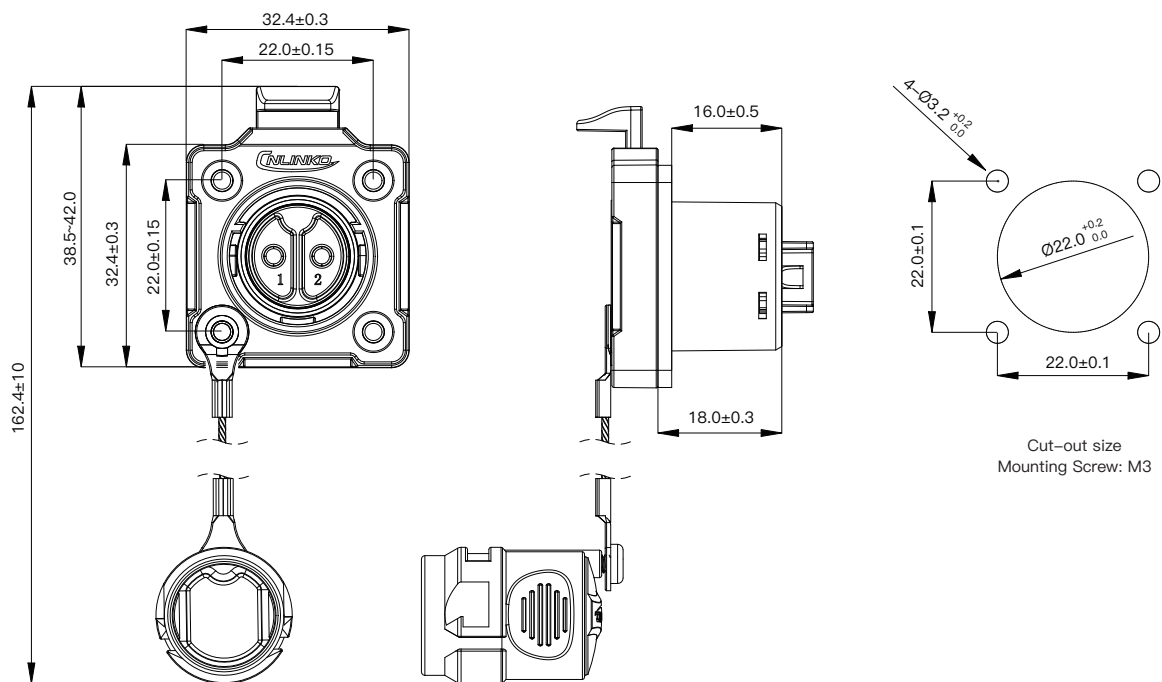
Plastic four-hole flange receptacle



Metal plug



Metal four-hole flange receptacle





BD-24 Datasheet

BD-24

BD24 Power/Signal	Product Series		BD-24																							
	Pin Number		2PIN		3PIN		3PIN		4PIN		10PIN		12PIN		19PIN		24PIN		RJ45							
	Contact Layout																									
	Current Rating(A)		25		35		25		35		45		25		10		10		5		5		1.5			
	Voltage Rating(V)		500		300		500		300		230		500		500		500		250		250		125			
	Cable O.D(mm)		φ5.0~φ7.0 φ7.0~φ10.5 φ10.5~φ14.0 (Configuration Options)												φ5.0~φ7.0 φ7.0~φ10.5 φ10.5~φ14.0 (Configuration Options)											
	Wire Gauge		2.5~4.0mm ² /14~12AWG		6.0~8.0mm ² /10~8AWG		2.5~4.0mm ² /14~12AWG		6.0~8.0mm ² /10~8AWG		10(single cord)mm ² 8-6AWG		2.5~4.0mm ² /14~12AWG		1.0~1.5mm ² / 18~16AWG		1.0~1.5mm ² / 18~16AWG		0.34~0.5mm ² / 22~20AWG		0.34~0.5mm ² / 22~20AWG		—			
	Protection Level		Connection Status IP68/IPX9K												Connection Status IP68/IPX9K											
	Terminal Type Other		Soldering/Screwing		Soldering		Soldering/Screwing		Soldering		Soldering		Soldering/Screwing		Soldering		Soldering		Soldering		Soldering		CAT.3~CAT.6			
Illustration		Material	Part No												Part No											
		Metal	Male	BD-24-C02PE-03-001	BD-24-C02PE-03-035	BD-24-C03PE-03-001A	BD-24-C03PE-03-035		BD-24-C03PE-03-050	BD-24-C04PE-03-001	BD-24-C10PE-03-001A	BD-24-C12PE-03-001A	BD-24-C19PE-03-001A	BD-24-C24PE-03-001A	BD-24-C/RJ45/015/PE-43-001A											
			Female	BD-24-J02PE-03-001	BD-24-J02PE-03-035	BD-24-J03PE-03-001A	BD-24-J03PE-03-035		BD-24-J03PE-03-050	BD-24-J04PE-03-001	BD-24-J10PE-03-001A	BD-24-J12PE-03-001A	BD-24-J19PE-03-001A	BD-24-J24PE-03-001A	—											
			Female	BD-24-J02SX-03-207	BD-24-J02SX-03-237	BD-24-J03SX-03-207A	BD-24-J03SX-03-237		BD-24-J03SX-03-257	BD-24-J04SX-03-207	BD-24-J10SX-03-207A	BD-24-J12SX-03-207A	BD-24-J19SX-03-207A	BD-24-J24SX-03-207A	BD-24-J/RJ45/213/SX-43-205											
			Male	BD-24-C02SX-03-207	BD-24-C02SX-03-237	BD-24-C03SX-03-207A	BD-24-C03SX-03-237		BD-24-C03SX-03-257	BD-24-C04SX-03-207	BD-24-C10SX-03-207A	BD-24-C12SX-03-207A	BD-24-C19SX-03-207A	BD-24-C24SX-03-207A	—											
			Female	BD-24-J02SX-03-407	BD-24-J02SX-03-437	BD-24-J03SX-03-xxxA	BD-24-J03SX-03-437		BD-24-J03SX-03-450	BD-24-J04SX-03-407	BD-24-J10SX-03-407A	BD-24-J12SX-03-407A	BD-24-J19SX-03-407A	BD-24-J24SX-03-407A	BD-24-J/RJ45/213/SX-43-405											
			Male	BD-24-C02SX-03-407	BD-24-C02SX-03-437	BD-24-C03SX-03-4xxA	BD-24-C03SX-03-437		BD-24-C03SX-03-450	BD-24-C04SX-03-407	BD-24-C10SX-03-407A	BD-24-C12SX-03-407A	BD-24-C19SX-03-407A	BD-24-C24SX-03-407A	—											
		Plastic	Male	BD-24-C02PE-02-001	BD-24-C02PE-02-035	BD-24-C03PE-02-001A	BD-24-C03PE-02-035		BD-24-C03PE-02-050	BD-24-C04PE-02-001	BD-24-C10PE-02-001A	BD-24-C12PE-02-001A	BD-24-C19PE-02-001A	BD-24-C24PE-02-001A	BD-24-C/RJ45/015/PE-42-001A											
			Female	BD-24-J02PE-02-001	BD-24-J02PE-02-035	BD-24-J03PE-02-001A	BD-24-J03PE-02-035		BD-24-J03PE-02-050	BD-24-J04PE-02-001	BD-24-J10PE-02-001A	BD-24-J12PE-02-001A	BD-24-J19PE-02-001A	BD-24-J24PE-02-001A	—											
			Female	BD-24-J02SX-02-207	BD-24-J02SX-02-237	BD-24-J03SX-02-207A	BD-24-J03SX-02-237		BD-24-J03SX-02-257	BD-24-J04SX-02-207	BD-24-J10SX-02-207A	BD-24-J12SX-02-207A	BD-24-J19SX-02-207A	BD-24-J24SX-02-207A	BD-24-J/RJ45/213/SX-42-205-cat.6											
			Male	BD-24-C02SX-02-207	BD-24-C02SX-02-237	BD-24-C03SX-02-207A	BD-24-C03SX-02-237		BD-24-C03SX-02-257	BD-24-C04SX-02-207	BD-24-C10SX-02-207A	BD-24-C12SX-02-207A	BD-24-C19SX-02-207A	BD-24-C24SX-02-207A	—											

BD SERIES

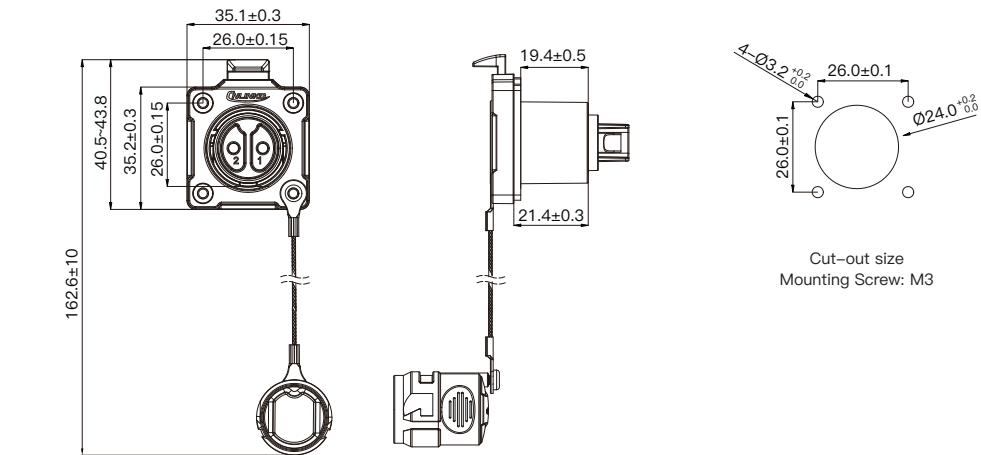
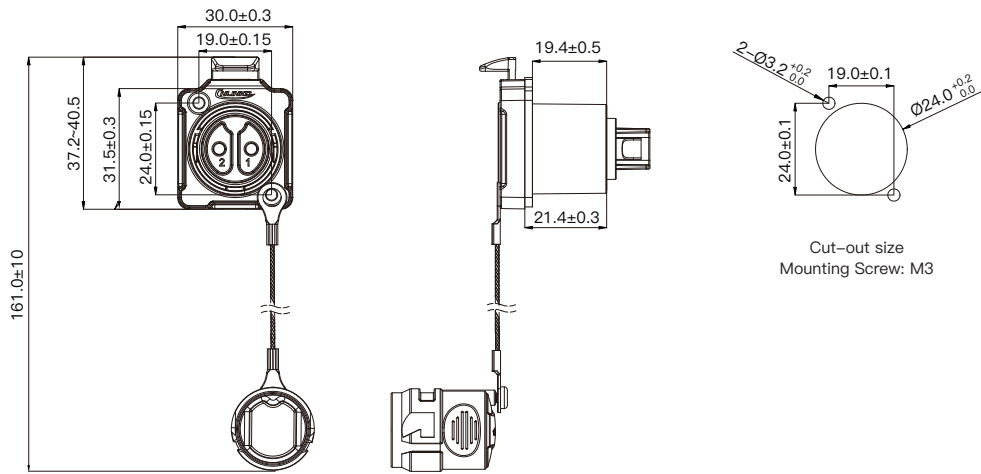
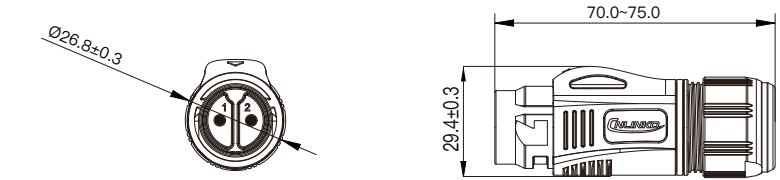
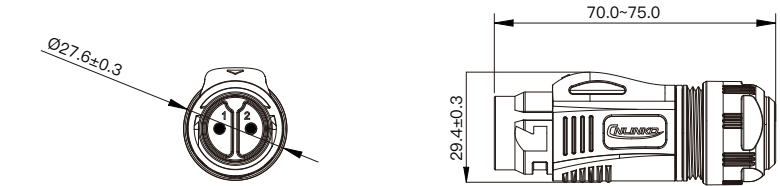
BD SERIES

BD-24 Datasheet

BD-24

BD-24 Dimension Drawing (unit: mm)

BD24 Power/Signal	Product Series		BD-24					
	Pin Number		USB2.0	USB3.0	DAV.0	DAV.1	Optical fiber	
	Contact Layout							
	Current Rating(A)		1.5	1.8	0.5	0.5	—	
	Voltage Rating(V)		5	5	5	5	—	
	Cable O.D(mm)		φ5.0~φ7.0 φ7.0~φ10.5 φ10.5~φ14.0 (Configuration Options)					
	Wire Gauge		—	—	—	—	—	
	Protection Level		Connection Status IP68/IPX9K					
	Terminal Type Other		480 Mbps	5.0 Gbps	18 Gbps	48 Gbps	plug-in loss≤0.35dB return loss≥50dB	
	Illustration		Material	Part No				
Plug 		Metal	Male	BD-24-C/USB2/016/PE-03-001	BD24-USB3-MP-MP-0D5M-002	BD24-HD-MP-MP-1M-001	BD24-HD-MP-MP-1M-005	BD-24-C/LC/016/PE-43-002 BD-24-C/LC/016/PE-43-001
Two-hole flange receptacle 			Female	—	—	—	—	—
Four-hole flange receptacle 			Female	BD-24-J/USB2/213/SX-43-207A	BD-24-J/USB3/213/SX-43-204A	BD-24-HDSX-43-203	BD-24-HDSX-43-205	BD-24-J/LC/213/SX-43-205 BD-24-J/LC/213/SX-43-207
			Male	—	—	—	—	—
			Female	BD-24-J/USB2/213/SX-43-409A	BD-24-J/USB3/213/SX-43-404A	BD-24-HDSX-43-407	BD-24-HDSX-43-406	BD-24-J/LC/213/SX-43-405 BD-24-J/LC/213/SX-43-203
			Male	—	—	—	—	—
Plug 		Plastic	Male	BD-24-C/USB3/016/PE-42-001A	BD24-USB3-MP-MP-1M-001	BD24-HD-MP-MP-1M-001	—	BD-24-C/LC/016/PE-42-002 BD-24-C/LC/016/PE-42-001
Two-hole flange receptacle 			Female	—	—	—	—	—
			Female	BD-24-J/USB2/213/SX-42-209A	BD-24-J/USB3/213/SX-42-204A	BD-24-HDSX-42-202	BD-24-HDSX-42-2xx	BD-24-J/LC/213/SX-42-205 BD-24-J/LC/213/SX-42-203
			Male	—	—	—	—	—



Manufacturer of Industrial Waterproof Connector With High Reliability



DH SERIES

Metal circular
Waterproof Connector

DH SERIES

DH SERIES

DH waterproof connector application type

CNLINKO's DH (M16, M20, M24 type) waterproof connector adopts metal shell, and adopts a unique spring-type connection as a whole, and a rotary locking connection. Precise internal construction and sturdy metal shell structure provide safe and stable connection and transmission performance and ensure the stability of the electrical performance of the device during use.

• Series product information:

Series code:	DH16, DH-20 , DH-24
Hole size:	Please refer to the external dimension drawing for detailed hole size.
Application types:	Multi-PIN type (2, 3, 4, 5, 7, 9, 10, 12, 14, 19, 24 pins and customized 3+2, 2+6, etc.) Signal (RJ45, optical fiber) Data (USB2.0, USB3.0, DAV)
Material type:	Metal type

• Introduction:

Product types include power, multi-core, mixed, USB2.0, USB3.0, DAV, RJ45, optical fiber total eight categories. Full metal alloy shell, high impact strength, With the completed standard three point screw locking, it can be operated with one hand, which is easy to operate, safe and reliable.

• Main body material, process and surface treatment:

Shell:	Material: Metal	Surface treatment: Chrome plating/anodizing
	Production Process: Die Casting & Machining	

• Module material, process and surface treatment:

Contact:	Material: Male/Female Pin (Copper Alloy)	Production Process: Machining & Stamping
	Surface Treatment: Plated in Gold/Silver	
LC Fiber Contact Material:	Male/Female end (High Modulus Glass Fiber)	
Insulator:	Material: Engineering Plastic	Production process: injection molding

• Packaging and Storage:

The product is in a sealed bag, with a small box in the large box, and a label on the small box. The label indicates the product name, model, batch number, and number of products. Packaged products are recommended to be stored in a warehouse with an ambient temperature of 25°C±3°C,a relative humidity of ≤75%, and no acidic, alkaline and other corrosive gases in the surrounding air. Other storage environments may affect product life.

• Check the official website DH series area:

Scan the QR code below to check the DH area of CNLINKO's official website. If you have any doubts, you can contact the online customer service for more detailed product information.



DH Series Overview



DH Series Installation Guide



Applications



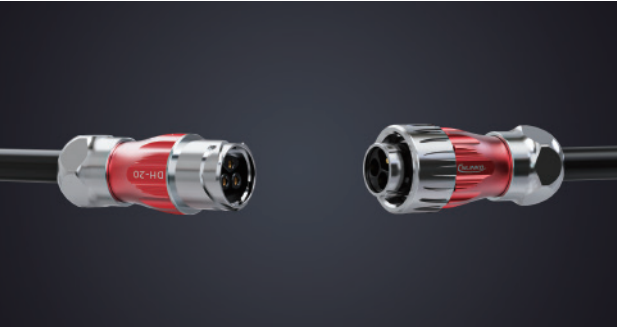
DH-20 series products are used in a medical equipment

Features Overview



Strong anti-vibration and anti-shock

The shell is made of all-metal alloy material with high compressive and tensile strength, which can resist the influence of external vibration and shock.



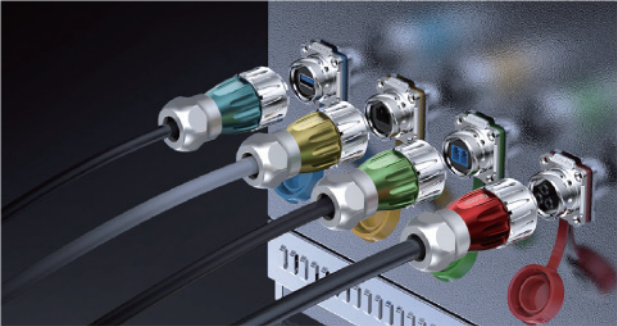
Secure connection and secure locking

With bayonet connection and three-point locking structure design, the retention force is large, and the connection is super stable.



Resistant to high temperature and severe cold

The DH series can adapt to the wide temperature environment of -40~+120°C, and fully meet the test of the outdoor climate environment.



Visualize color distinction

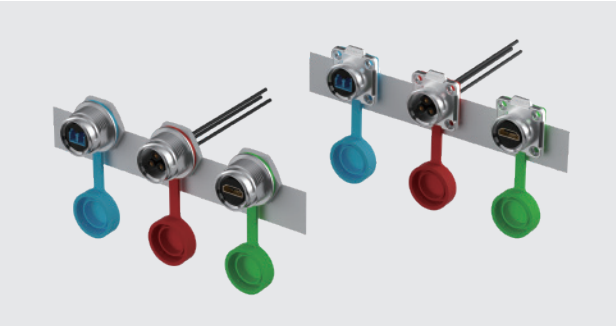
Four colors to visually distinguish power, signal, fiber and data. Types can be identified at a glance to avoid mis-insertion.

Type and Style



High vibration and impact resistance

All-metal version to meet the requirements of high vibration resistance and shock resistance. DH series are all metal models, made of high-quality high-strength alloy materials, which can be used in vibration and shock environments such as vehicles and workshops.



Flexible installation methods

The DH series has three installation methods: Straight receptacle, Flange receptacle, and Floating connector. Users can choose according to actual application scenarios.



A variety of cable assembly methods

The DH Series offers three connection types: screw clamping, soldering, and crimping. The screw terminal allows for quick and easy installation, soldering ensures a more robust connection, while crimping combines both speed and high reliability.



Color can be customized

Color can be customized, your exclusive style
At present, the main colors of the DH series shells include red, yellow, blue, and green. We can also customize other colors to meet the individual needs of users.

Product Structure Image

Dozens of high-quality parts are precisely engaged to ensure the safety and stability of the connector.



Manufacturer of Industrial Waterproof Connector With High Reliability



Series Infographic

DH SERIES



DH SERIES

DH-16 Series Information Overview			P105
Product application type:	Power: 3/4 pin		
	Signal: 9 pin		
	Voltage Rating: 400V(3, 4 pin), 250V(9 pin) Current Rating: 10A(3, 4 pin), 5A(9 pin)		
Cable O.D:	Multi-pin type: Φ3.0~5.0mm, Φ5.0~7.0mm, Φ7.0~9.0mm		
	Multi-pin type: Φ3.0~5.0mm, Φ5.0~7.0mm, Φ7.0~9.0mm		
Details page:	Product Parameter Map: P105	Dimension Drawing: P106	

DH-20 Series Information Overview			P107
Product application type:	Power: 2/3/4/5 pin		
	Signal: 7/9/12/14 pin		
	Voltage Rating: 300V(2~5, 7 pin), 250V(8 pin hybrid, 9, 12, 14 pin) Current Rating: 20A(2~4 pin), 20A+5A(8 pin hybrid), 10A+5A(5pin hybrid), 10A(5, 7 pin), 5A(9, 12, 14 pin)		
Cable O.D:	Multi-pin type: Φ5.0~6.5mm, Φ6.5~8.5mm, Φ8.5~10.0mm, Φ10.0~12.0mm		
Details page:	Product Parameter Map: P107	Dimension Drawing: P109	

DH-24 Series Information Overview			P111
Product application type:	Power: 2/3/4 pin	Signal: 10/12/19/24 pin, RJ45, Optical fiber	
	Data: USB, DAV		
	Voltage Rating: 500V(2, 3, 10, 12 pin), 300V(2~4 pin), 250V(19, 24 pin), 230V(3 pin) Current Rating: 45A(3 pin), 35A(2, 3 pin), 25A(2~4 pin), 10A(10, 12 pin), 5A(19, 24 pin)		
Cable O.D:	Multi-pin type: Φ5.0~7.0mm, Φ7.0~10.5mm, Φ10.5~14.0mm		
	Multi-pin type: Φ5.0~Φ7.0mm(USB, DAV)		
	Multi-pin type: Φ5.0~Φ7.0mm(RJ45), Φ5.0~Φ7.0mm(Optical fiber)		
Details page:	Product Parameter Map: P111	Dimension Drawing: P114	

Main feature:

- Multiple styles of inner core design, multiple PIN types, signal RJ45, optical fiber, data USB, DAV, etc;
- Features an industrial-grade triple-start thread locking mechanism for secure connections;
- Effectively reduce electromagnetic and signal RF interference caused by external high current;
- Designed with a high-strength full-metal housing for superior impact resistance;
- The signal transmission is fast and stable, and the data transmission can reach 10Gbps;
- The product complies with the IP68/IPX9K protection level when connected.

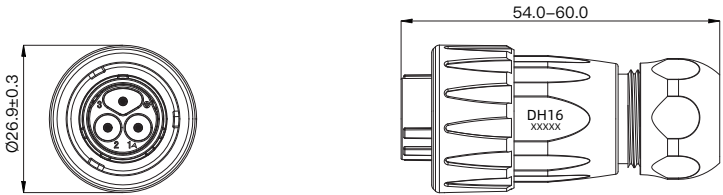
DH-16 Datasheet

DH-16

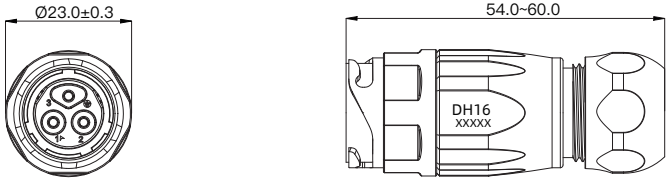
DH-16 Dimension Drawing (unit: mm)

DH16 Power/Signal	Product Series		DH-16							
	Pin Number		3PIN		4PIN		9PIN			
	Contact Layout		 Male Female		 Male Female		 Male Female			
	Current Rating(A)		10		10		5			
	Voltage Rating(V)		400		400		250			
	Cable O.D(mm)		φ3.0~φ5.0 φ5.0~φ7.0 φ7.0~φ9.0 (Configuration Options)							
	Wire Gauge		1.0~1.5mm ² /18~16AWG		1.0~1.5mm ² /18~16AWG		0.34~0.5mm ² /22~20AWG			
	Protection Level		Connection Status IP68/IPX9K							
	Terminal Type Other		Screwing		Soldering		Soldering			
Illustration			Material	Part No						
Plug 			Metal	Male	DH-16-C03PE-23-001A		DH-16-C04PE-03-001A		DH-16-C09PE-03-001A	
				Female	DH-16-J03PE-23-001A		DH-16-J04PE-03-001A		DH-16-J09PE-03-001A	
In-line Receptacle 				Female	DH-16-J03PP-23-001A		DH-16-J04PP-03-001A		DH-16-J09PP-03-001A	
				Male	DH-16-C03PP-23-001A		DH-16-C04PP-03-001A		DH-16-C09PP-03-001A	
Single hole straight Receptacle 				Female	DH-16-J03SX-23-101A		DH-16-J04SX-03-101A		DH-16-J09SX-03-101A	
				Male	DH-16-C03SX-23-101A		DH-16-C04SX-03-101A		DH-16-C09SX-03-101A	
Four-hole flange Receptacle 				Female	DH-16-J03SX-23-401A		DH-16-J04SX-03-401A		DH-16-J09SX-03-401A	
				Male	DH-16-C03SX-23-401A		DH-16-C04SX-03-401A		DH-16-C09SX-03-401A	
Single hole straight Receptacle-Matal cap 				Female	DH-16-J03SX-23-102A		DH-16-J04SX-03-102A		DH-16-J09SX-03-102A	
				Male	DH-16-C03SX-23-102A		DH-16-C04SX-03-102A		DH-16-C09SX-03-102A	
Four-hole flange Receptacle-Metal cap 				Female	DH-16-J03SX-23-402A		DH-16-J04SX-03-402A		DH-16-J09SX-03-402A	
				Male	DH-16-C03SX-23-402A		DH-16-C04SX-03-402A		DH-16-C09SX-03-402A	

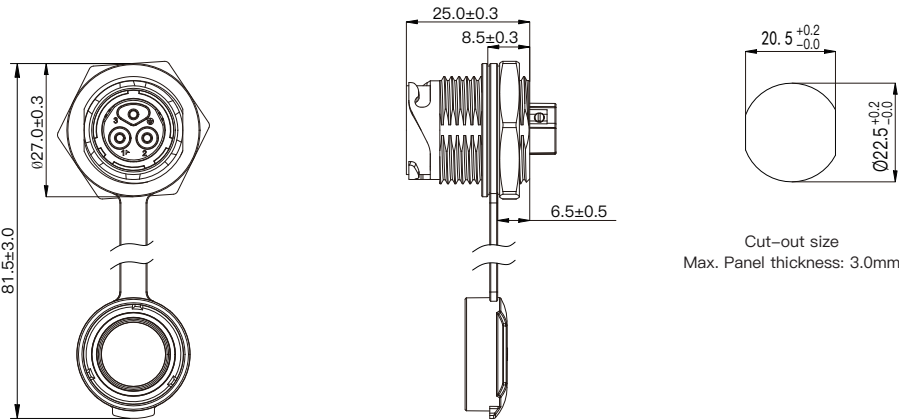
Plug



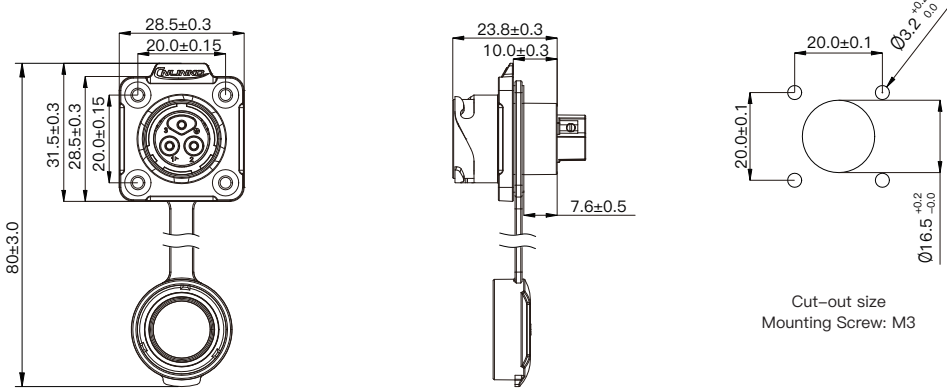
In-line Receptacle



Single hole straight Receptacle



Four-hole flange Receptacle



Manufacturer of Industrial Waterproof Connector With High Reliability



 DH-20 Datasheet

DH-20

DH SERIES

DH20
Power/Signal

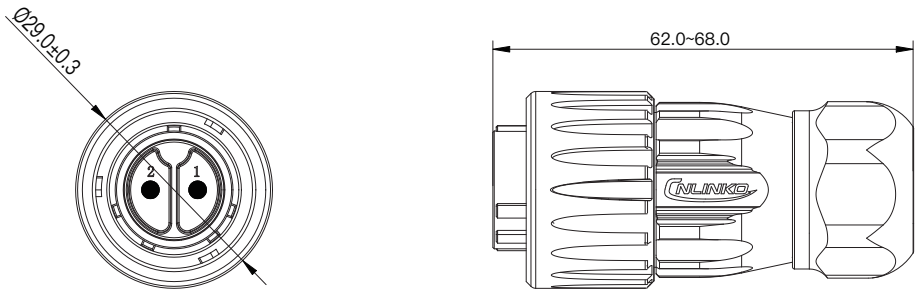
DH SERIES

DH20 Power/Signal	Product Series		DH-20																											
	Pin Number		2PIN		3PIN		4PIN		5PIN		5PIN		7PIN		8PIN		9PIN		12PIN		14PIN									
	Contact Layout																													
	Current Rating(A)		20		20		20		10		10+5		10		20+5		5		5		5									
	Voltage Rating(V)		300		300		300		300		300		300		250		250		250		250									
	Cable O.D(mm)		φ5.0~φ6.5		φ6.5~φ8.5		φ8.5~φ10.0		φ10.0~φ12.0		(Configuration Options)										φ5.0~φ6.5		φ6.5~φ8.5		φ8.5~φ10.0		φ10.0~φ12.0		(Configuration Options)	
	Wire Gauge		2.5~4.0mm²/14~12AWG		2.5~4.0mm²/14~12AWG		2.5~4.0mm²/14~12AWG		1.0~1.5mm²/ 18~16AWG		1.0~1.5mm²/ 18~16AWG 0.34~0.5mm²/22~20AWG		1.0~1.5mm²/ 18~16AWG		2.5~4.0mm²/14~12AWG 0.34~0.5mm²/22~20AWG		0.34~0.5mm²/22~20AWG		0.34~0.5mm²/22~20AWG		0.34~0.5mm²/22~20AWG									
	Protection Level		Connection Status IP68/IPX9K																											
	Terminal Type Other		Soldering/Screwing		Soldering/Screwing		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering									
Illustration		Material	Part No																											
Plug		Metal	Male	DH-20-C02PE-03-001A	DH-20-C03PE-03-001A	DH-20-C04PE-03-001A	DH-20-C05PE-03-001A		DH-20-C05PE-03-004A		DH-20-C07PE-03-001A		DH-20-C08PE-03-001A		DH-20-C09PE-03-001A		DH-20-C12PE-03-001A		DH-20-C14PE-03-001A											
			Female	DH-20-J02PE-03-001A	DH-20-J03PE-03-001A	DH-20-J04PE-03-001A	DH-20-J05PE-03-001A		DH-20-J05PE-03-004A		DH-20-J07PE-03-001A		DH-20-J08PE-03-001A		DH-20-J09PE-03-001A		DH-20-J12PE-03-001A		DH-20-J14PE-03-001A											
In-line Receptacle			Female	DH-20-J02PP-03-001A	DH-20-J03PP-03-001A	DH-20-J04PP-03-001A	DH-20-J05PP-03-001A		DH-20-J05PP-03-004A		DH-20-J07PP-03-001A		DH-20-J08PP-03-001A		DH-20-J09PP-03-001A		DH-20-J12PP-03-001A		DH-20-J14PP-03-001A											
			Male	DH-20-C02PP-03-001A	DH-20-C03PP-03-001A	DH-20-C04PP-03-001A	DH-20-C05PP-03-001A		DH-20-C05PP-03-004A		DH-20-C07PP-03-001A		DH-20-C08PP-03-001A		DH-20-C09PP-03-001A		DH-20-C12PP-03-001A		DH-20-C14PP-03-001A											
Single hole straight Receptacle			Female	DH-20-J02SX-03-101A	DH-20-J03SX-03-101A	DH-20-J04SX-03-101A	DH-20-J05SX-03-101A		DH-20-J05SX-03-104A		DH-20-J07SX-03-101A		DH-20-J08SX-03-101A		DH-20-J09SX-03-101A		DH-20-J12SX-03-101A		DH-20-J14SX-03-101A											
			Male	DH-20-C02SX-03-101A	DH-20-C03SX-03-101A	DH-20-C04SX-03-101A	DH-20-C05SX-03-101A		DH-20-C05SX-03-104A		DH-20-C07SX-03-101A		DH-20-C08SX-03-101A		DH-20-C09SX-03-101A		DH-20-C12SX-03-101A		DH-20-C14SX-03-101A											
Four-hole flange Receptacle			Female	DH-20-J02SX-03-401A	DH-20-J03SX-03-401A	DH-20-J04SX-03-401A	DH-20-J05SX-03-401A		DH-20-J05SX-03-404A		DH-20-J07SX-03-401A		DH-20-J08SX-03-401A		DH-20-J09SX-03-401A		DH-20-J12SX-03-401A		DH-20-J14SX-03-401A											
			Male	DH-20-C02SX-03-401A	DH-20-C03SX-03-401A	DH-20-C04SX-03-401A	DH-20-C05SX-03-401A		DH-20-C05SX-03-404A		DH-20-C07SX-03-401A		DH-20-C08SX-03-404A		DH-20-C09SX-03-401A		DH-20-C12SX-03-401A		DH-20-C14SX-03-401A											

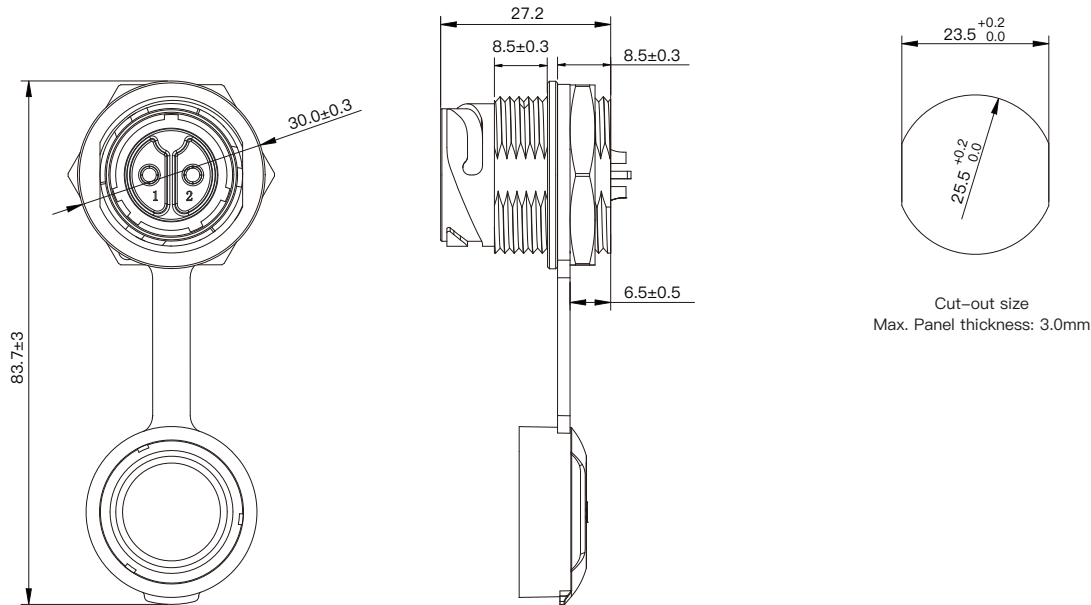


DH-20 Dimension Drawing (unit: mm)

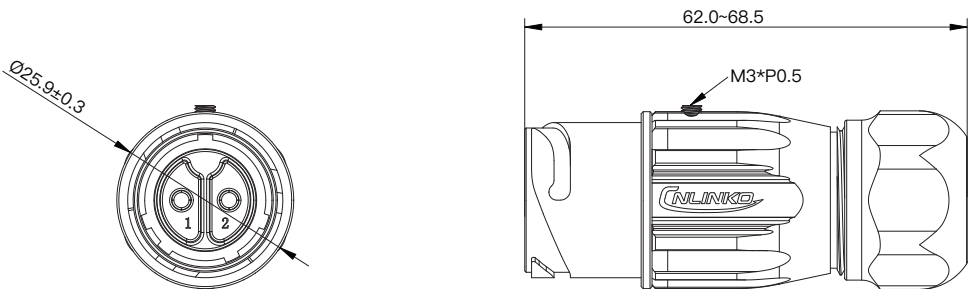
Plug



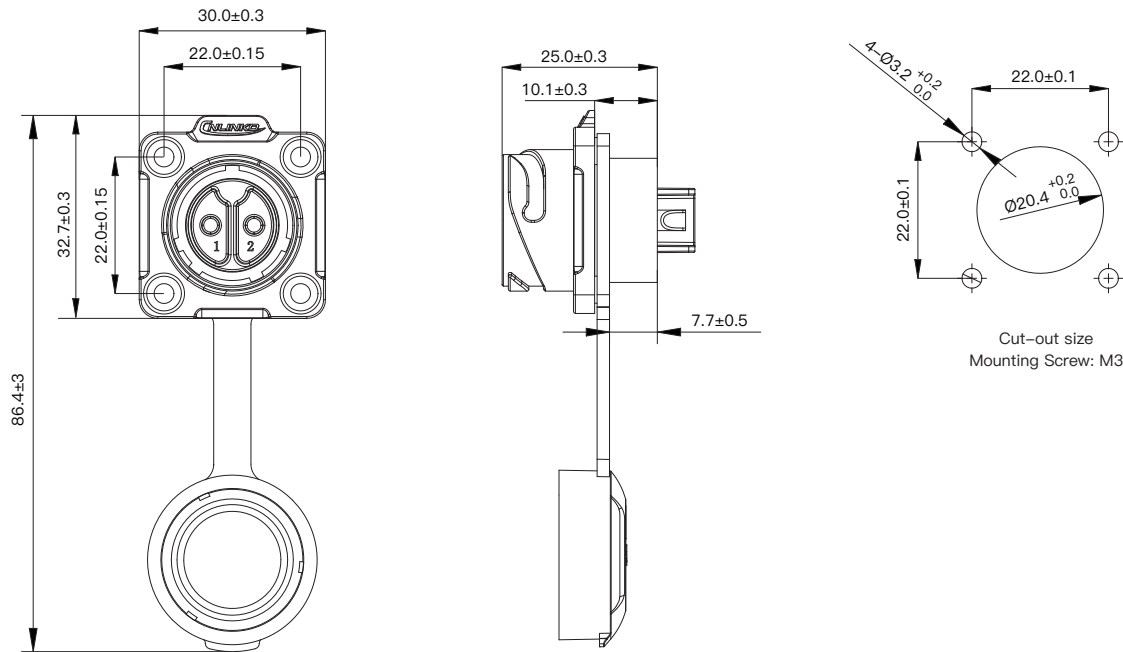
Single hole straight receptacle



In-line receptacle



Four-hole flange receptacle



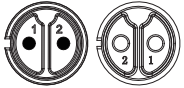
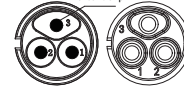
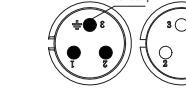
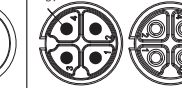
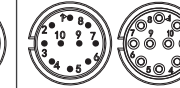
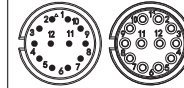
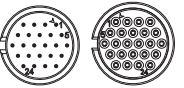
DH-24 Datasheet

DH-24

DH SERIES

DH24
Power/Signal

DH SERIES

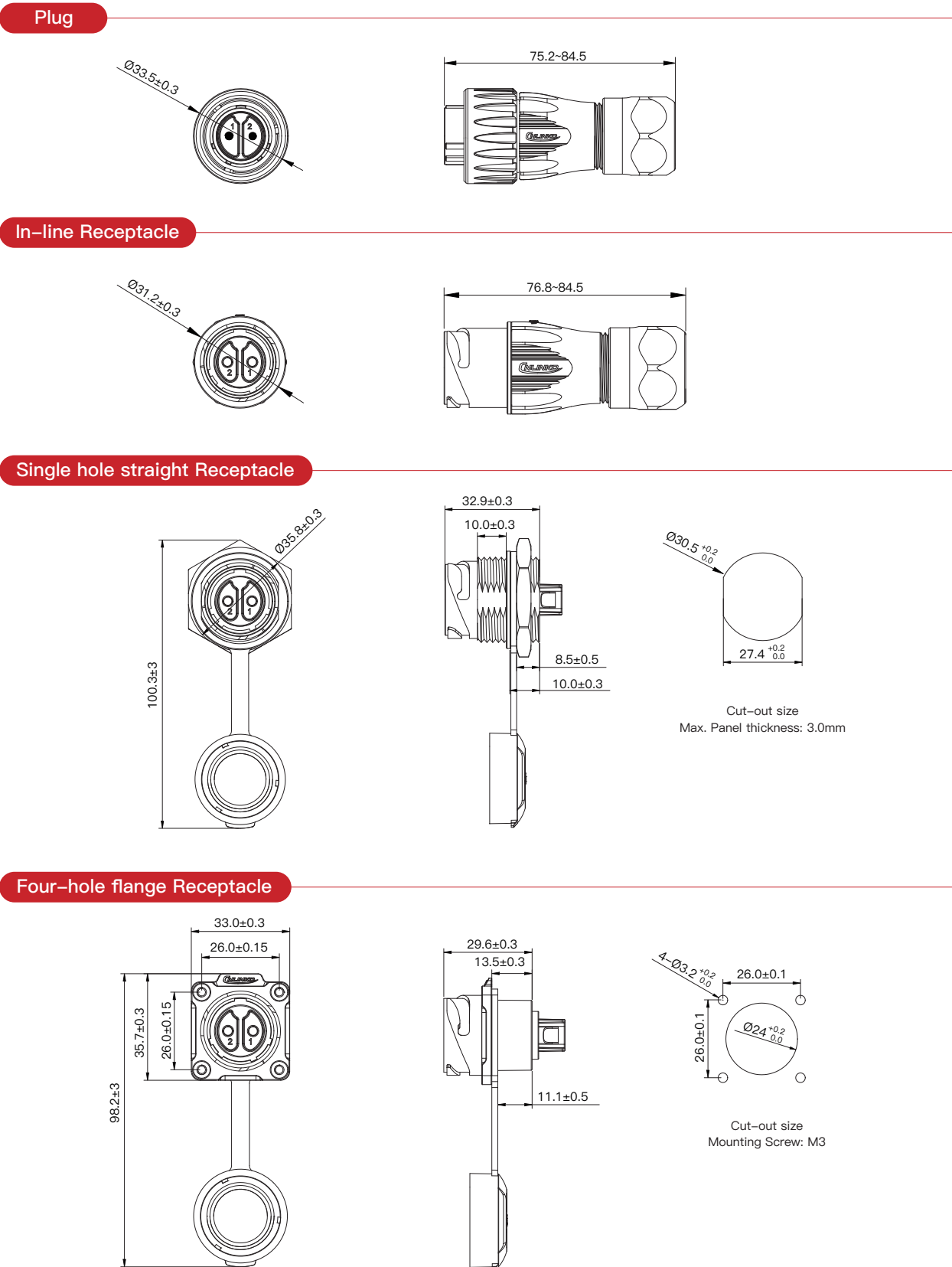
DH24 Power/Signal	Product Series		DH-24																				
	Pin Number	2PIN				3PIN				3PIN		4PIN		10PIN		12PIN		19PIN		24PIN		RJ45	
	Contact Layout																						
	Current Rating(A)	25		35		25		35		45		25		10		10		5		5		1.5	
	Voltage Rating(V)	500		300		500		300		230		300		500		500		250		250		125	
	Cable O.D(mm)	φ5.0~φ7.0 φ7.0~φ10.5 φ10.5~φ14.0 (Configuration Options)											φ5.0~φ7.0 φ7.0~φ10.5 φ10.5~φ14.0 (Configuration Options)										
	Wire Gauge	2.5~4.0mm² / 14~12AWG		6.0~8.0mm² / 10~8AWG		2.5~4.0mm² / 14~12AWG		6.0~8.0mm² / 10~8AWG		8(power cord)-10(single cord)mm² / 8-6AWG		2.5~4.0mm² / 14~12AWG		1.0~1.5mm² / 18~16AWG		1.0~1.5mm² / 18~16AWG		0.34~0.5mm² / 22~20AWG		0.34~0.5mm² / 22~20AWG		—	
	Protection Level	Connection Status IP68/IPX9K											Connection Status IP68/IPX9K										
	Terminal Type Other	Soldering/Screwing		Soldering		Soldering/Screwing		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering		CAT.3~CAT.6	
Illustration	Material	Part No											Part No										
Plug	Metal	Male	DH-24-C02PE-03-0XX	DH-24-C02PE-03-035	DH-24-C03PE-03-0XX	DH-24-C03PE-03-035		DH-24-C03PE-03-050	DH-24-C04PE-03-001	DH-24-C10PE-03-001A	DH-24-C12PE-03-001A	DH-24-C19PE-03-001A	DH-24-C24PE-03-001A	DH-24-C/RJ45/015/PE-43-001									
		Female	DH-24-J02PE-03-0XX	DH-24-J02PE-03-035	DH-24-J03PE-03-0XX	DH-24-J03PE-03-035		DH-24-J03PE-03-050	DH-24-J04PE-03-001	DH-24-J10PE-03-001A	DH-24-J12PE-03-001A	DH-24-J19PE-03-001A	DH-24-J24PE-03-001A	—									
In-line Receptacle		Female	DH-24-J02PP-03-0XX	DH-24-J02PP-03-035	DH-24-J03PP-03-0XX	DH-24-J03PP-03-035		DH-24-J03PP-03-050	DH-24-J04PP-03-001	DH-24-J10PP-03-001A	DH-24-J12PP-03-001A	DH-24-J19PP-03-001A	DH-24-J24PP-03-001A	—									
		Male	DH-24-C02PP-03-0XX	DH-24-C02PP-03-035	DH-24-C03PP-03-0XX	DH-24-C03PP-03-035		DH-24-C03PP-03-050	DH-24-C04PP-03-001	DH-24-C10PP-03-001A	DH-24-C12PP-03-001A	DH-24-C19PP-03-001A	DH-24-C24PP-03-001A	—									
Single hole straight Receptacle		Female	DH-24-J02SX-03-1XX	DH-24-J02SX-03-135	DH-24-J03SX-03-103	DH-24-J03SX-03-135		DH-24-J03SX-03-150	DH-24-J04SX-03-101	DH-24-J10SX-03-101A	DH-24-J12SX-03-101A	DH-24-J19SX-03-101A	DH-24-J24SX-03-101A	DH-24-J/RJ45/213/SX-43-1XX									
		Male	DH-24-C02SX-03-1XX	DH-24-C02SX-03-135	DH-24-C03SX-03-103	DH-24-C03SX-03-135		DH-24-C03SX-03-150	DH-24-C04SX-03-101	DH-24-C10SX-03-101A	DH-24-C12SX-03-101A	DH-24-C19SX-03-101A	DH-24-C24SX-03-101A	—									
Four-hole flange Receptacle		Female	DH-24-J02SX-03-4XX	DH-24-J02SX-03-435	DH-24-J03SX-03-407	DH-24-J03SX-03-435		DH-24-J03SX-03-450	DH-24-J04SX-03-401	DH-24-J10SX-03-401A	DH-24-J12SX-03-401A	DH-24-J19SX-03-401A	DH-24-J24SX-03-401A	DH-24-J/RJ45/213/SX-43-409									
		Male	DH-24-C02SX-03-4XX	DH-24-C02SX-03-435	DH-24-C03SX-03-405	DH-24-C03SX-03-435		DH-24-C03SX-03-450	DH-24-C04SX-03-401	DH-24-C10SX-03-401A	DH-24-C12SX-03-401A	DH-24-C19SX-03-401A	DH-24-C24SX-03-401A	—									

DH-24 Datasheet

DH-24

DH24 Power/Signal	Product Series		DH-24				
	Pin Number		USB2.0	USB3.0	DAV2.0	DAV2.1	光纤
	Contact Layout						
	Current Rating(A)		1.5	1.8	0.5	0.5	—
	Voltage Rating(V)		5	5	5	5	—
	Cable O.D(mm)		φ5.0~φ7.0	φ7.0~φ10.5	φ10.5~φ14.0 (Configuration Options)		
	Wire Gauge		—	—	—	—	—
	Protection Level		Connection Status IP68/IPX9K				
	Terminal Type Other		480 Mbps	5.0 Gbps	18 Gbps	48 Gbps	plug-in loss≤0.35dB return loss≥50dB
Illustration	Material	Part No					
Plug	Metal	Male	DH24-USB3-MP- MP-1M-001	DH24-USB3-MP- MP-1M-001	DH24-HD-MP- MP-1M-001	DH24-HD-MP- MP-1M-003	DH-24-C/LC/015 /PE-43-003 DH-24-C/LC/015 /PE-43-002
		Female	—	—	—	—	—
Single hole straight Receptacle		Female	DH-24-J/USB2/ 213/SX-43-101	DH-24-J/USB3/ 213/SX-43-104	DH-24-HDSX- 43-101	DH-24-HDSX- 43-1xx	DH-24-J/LC/213/ SX-43-102 DH-24-J/LC/213/ SX-43-101
		Male	—	—	—	—	—
Four-hole flange Receptacle		Female	DH-24-J/USB2/ 213/SX-43-401A	DH-24-J/USB3/ 213/SX-43-402	DH-24-HDSX- 43-402	DH-24-HDSX- 43-405	DH-24-J/LC/213/ SX-43-403 DH-24-J/LC/213/ SX-43-401
		Male	—	—	—	—	—

DH-24 Dimension Drawing (unit: mm)



Manufacturer of Industrial Waterproof Connector With High Reliability



EV SERIES

Quick Plug Plastic Waterproof Connector

EV SERIES

EV SERIES

EV waterproof connector application type

CNLINKO EV20 (M20 Type) Series waterproof connector, This connector features a crimping terminal design for efficient high-volume factory assembly. It incorporates a fool-proof mechanism to prevent mis-mating, enhancing operational safety. The snap-on latch is available in multiple colors for visual management.

• Series product information:

Series code:	EV- 20
Hole size:	Please refer to the external dimension drawing for detailed hole size.
Application types:	· Multi-Pins (2,3 pins)
Material type:	Plastic type

• Introduction:

Product types include 2-pin and 3-pin power connectors. The plastic housing is lightweight, durable, and highly corrosion-resistant. Featuring a crimp terminal design, it allows for easy one-handed operation, ensuring simple, safe, and reliable connectivity.

• Main body material, process and surface treatment:

Shell:	Material: Engineering Plastic	Production process: Injection molding
--------	-------------------------------	---------------------------------------

• Module material, process and surface treatment:

Contact:	Material: Male/Female Pin (Copper Alloy)	Production Process: Machining & Stamping
	Surface Treatment: Plated in Gold	
Insulator:	Material: Engineering Plastic	Production process: injection molding

• Packaging and Storage:

The product is in a sealed bag, with a small box in the large box, and a label on the small box. The label indicates the product name, model, batch number, and number of products. Packaged products are recommended to be stored in a warehouse with an ambient temperature of 25°C±3°C,a relative humidity of ≤75%, and no acidic, alkaline and other corrosive gases in the surrounding air. Other storage environments may affect product life.



EV Series Overview

Manufacturer of Industrial Waterproof Connector With High Reliability

Applications



EV-20 series products are used in a communication equipment control box

Features Overview



Reliable waterproof performance

The protection level reaches IP67 in the connected state, providing good electrical protection performance for the equipment.



Stable and secure connection

The riveting type wiring method, the snap lock connection, is convenient, fast, safe and firm.



Product structure diagram

The precise structural positioning system ensures the safety and stability of the connection performance.



Installation method

The socket adopts flange panel installation, which is convenient and stable.

Series Infographic



EV-20 Series Information Overview		P116
Product application type:	Power: 2/3 pin	
	Voltage Rating: 500V(2, 3 pin), Current Rating: 20A(2, 3 pin)	
Cable O.D:	Multi-pin type: $\phi 5.0 \sim \phi 6.5 \text{mm}$, $\phi 6.5 \sim \phi 8.5 \text{mm}$, $\phi 8.5 \sim \phi 10.0 \text{mm}$, $\phi 10.0 \sim \phi 12.0 \text{mm}$	
Details page:	Product Parameter Map: P119	Dimension Drawing: P120

Main feature:

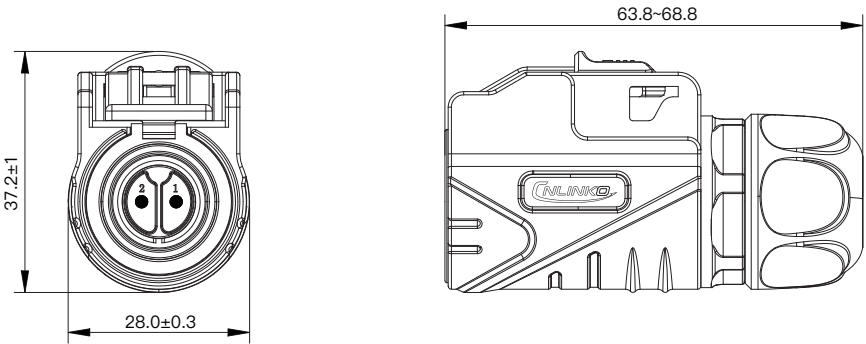
- The all-plastic housing, molded from advanced SABIC polymer, offers superior corrosion resistance and enhanced flame retardancy;
- Ergonomically designed for a secure and comfortable grip;
- Gold-plated contacts, high corrosion resistance and electrical conductivity;
- The product meets the IP67 protection level in the connected state.

EV-20 Datasheet

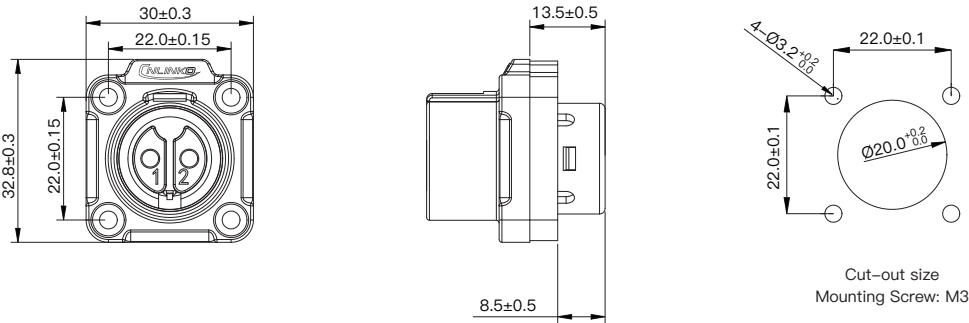
EV-20

EV-20 Dimension Drawing (unit: mm)

M20 Power/Signal	Product Series		EV-20	
	Pin Number		2PIN	3PIN
	Contact Layout		  MaleFemale	  MaleFemale
	Current Rating(A)		20	20
	Voltage Rating(V)		500	500
	Cable O.D(mm)		φ5.0~φ6.5/φ6.5~φ8.5/φ8.5~φ10.0/φ10.0~φ12.0 (Configuration Options)	
	Wire Gauge		2.5~4.0mm ² /14~12AWG	2.5~4.0mm ² /14~12AWG
	Protection Level		Connection Status IP67	
	Terminal Type Other		Crimping	Crimping
Illustration	Material	Part No		
Plug 	Plastic	Male	EV-20-C02PE-32-002	EV-20-C03PE-32-002
Four-hole flange receptacle 		Female	EV-20-J02SX-32-402	EV-20-J03SX-32-402



Four-hole flange receptacle



Manufacturer of Industrial Waterproof Connector With High Reliability



DZ SERIES

DZ Metal Circular Waterproof connector

DZ SERIES

DZ SERIES

DZ waterproof connector application type

CNLINKO's new DZ (M20, M24) series waterproof connectors use metal shells and a unique spring-type rotary locking connection as a whole. Precise internal construction and robust metal shell structure provide safe and stable connection and transmission performance and ensure the stability of the electrical performance of the device during use.

• Series product information:

Series code:	DZ- 20, DZ- 24
Hole size:	Please refer to the external dimension drawing for detailed hole size.
Application types:	Multi-pin (2, 3, 4, 5, 7, 9, 10, 12, 14, 19, 24 pins and customized 3+2, 2+6 pins, etc.) Signal (RJ45, optical fiber) Data (USB2.0, USB3.0, DAV2.0)
Material type:	Metal type

• Introduction:

Product types include power, multi-pin, hybrid, USB2.0, USB3.0, DAV, RJ45, optical fiber eight categories. All metal shell, high impact strength, effectively reduce the electromagnetic and signal interference caused by external current, adopt military standard three-point screw locking, safe and reliable.

• Main body material, process and surface treatment:

Shell:	Material: Metal	Surface treatment: Chrome plating
	Production Process: Die Casting & Machining	

• Module material, process and surface treatment:

Contact:	Material: Male/Female Pin (Copper Alloy)	Production Process: Machining & Stamping
	Surface Treatment: Plated in Gold/Silver	
LC Fiber Contact Material:	Male/Female end (High Modulus Glass Fiber)	
Insulator:	Material: Engineering Plastic	Production process: injection molding

• Packaging and Storage:

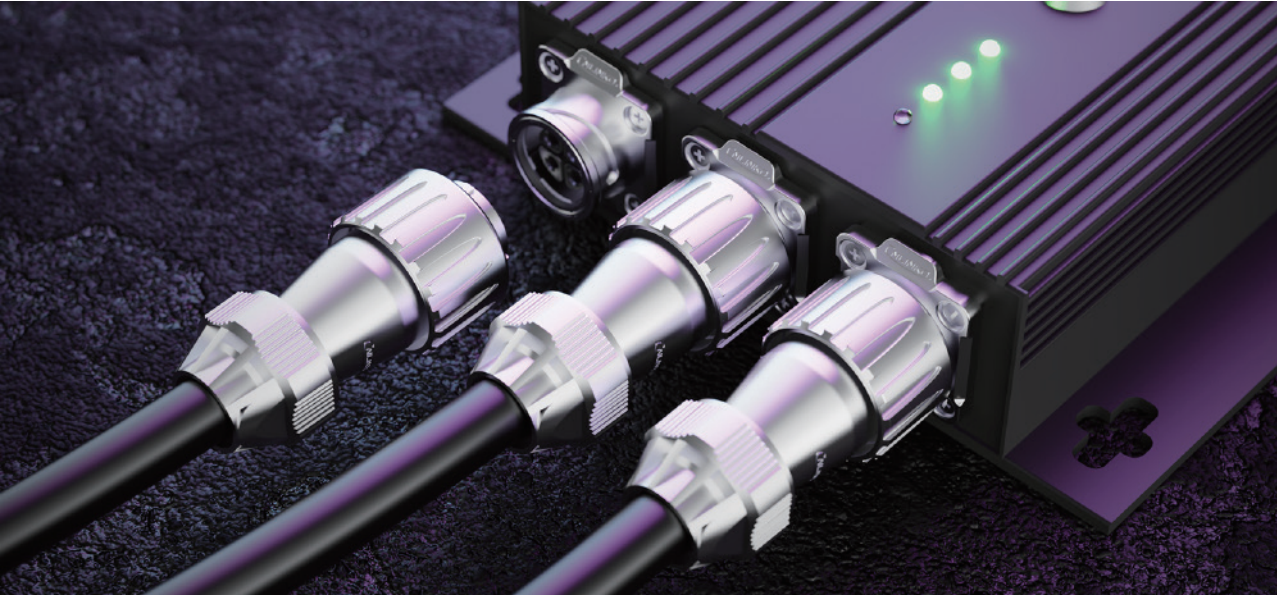
The product is in a sealed bag, with a small box in the large box, and a label on the small box. The label indicates the product name, model, batch number, and number of products. Packaged products are recommended to be stored in a warehouse with an ambient temperature of 25°C±3°C,a relative humidity of ≤75%, and no acidic, alkaline and other corrosive gases in the surrounding air. Other storage environments may affect product life.



DZ Series Overview

Manufacturer of Industrial Waterproof Connector With High Reliability

Applications



DZ-24 series are used in a monitoring equipment control box

Features Overview



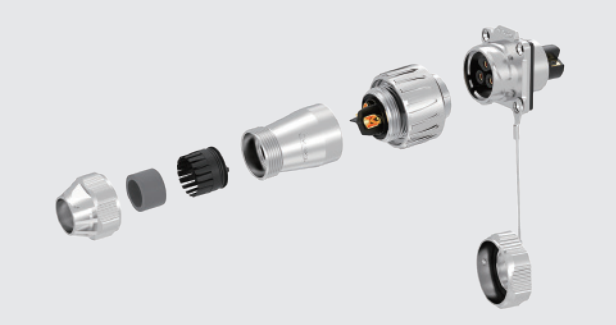
Suitable for a variety of mechanical shock environments

Bayonet technology, adopts three-point screw locking connection, which is safe and stable.



Various application types available

DZ series has power, signal, optical fiber, data and other application types to choose from, which can meet the different needs of different users.



Product Structure

Alloy metal shell, precise process structure.



Flexible installation methods

DZ series has optional installation methods such as Panel Mounting Rear Locking and Flange Mounting. Users can choose according to actual application scenarios.



Series Infographic



DZ-20 Series Information Overview P125

Product application type:	Power: 2/3/4 pin	
	Signal: 5/7/9/12/14 pin	
	Voltage Rating: 500V(2~5, 7 pin), 250V(8pin hybrid, 9, 12, 14 pin) Current Rating: 20A(2~4 pin), 20A+5A(8 pin hybrid), 10A(5, 7pin), 10A+5A(5pin hybrid), 5A(9, 12, 14 pin)	
Cable O.D:	Multi-pin type: Φ5.0~6.5mm, Φ6.5~8.5mm, Φ8.5~10.0mm, Φ10.0~12.0mm	
Details page:	Product Parameter Map: P125	Dimension Drawing: P127

DZ-24 Series Information Overview P129

Product application type:	Power: 2/3/4 pin Signal: 10/12/19/24 pin, RJ45, Optical fiber	
	Data: USB, DAV	
	Voltage Rating: 500V(2~4 pin), 400V(10, 12 pin), 300V(2, 3 pin), 250V(19, 24 pin), 230V(3 pin) Current Rating: 45A(3 pin), 35A(2, 3 pin), 25A(2~4 pin), 10A(10, 12 pin), 5A(19, 24 pin)	
Cable O.D:	Multi-pin type: Φ5.0~6.5mm, Φ6.5~8.5mm, Φ8.5~10.0mm, Φ10.0~12.0mm	
	Multi-pin type: Φ5.0~6.5mm(USB, DAV)	Multi-pin type: Φ5.0~6.5mm(RJ45, Optical fiber)
Details page:	Product Parameter Map: P129	Dimension Drawing: P132

Main feature:

- Multi-style design, multi-PIN, signal RJ45, optical fiber, data USB, DAV, etc;
- Features an industrial-grade, three-point spiral locking mechanism for a secure connection;
- Effectively reduce electromagnetic and signal RF interference caused by external high current;
- The high-strength all-metal housing offers superior resistance to physical impact;
- The signal transmission is fast and stable, and the data transmission can reach 10Gbps;
- The product meets waterproof IP68 protection level in the connected state.

Manufacturer of Industrial Waterproof Connector With High Reliability



DZ-20 Datasheet

DZ-20

DZ20 Power/Signal	Product Series		DZ-20																								
	Pin Number		2PIN		3PIN		4PIN		5PIN		5PIN		7PIN		8PIN		9PIN		12PIN		14PIN						
	Contact Layout		 Male	 Female	 Male	 Female	 Male	 Female	 Male	 Female	 Male		 Female	 Male	 Female	 Male	 Female	 Male	 Female	 Male	 Female	 Male	 Female				
	Current Rating(A)		20		20		20		10		10+5		10		20+5		5		5		5						
	Voltage Rating(V)		500		500		500		500		300		500		250		250		250		250						
	Cable O.D(mm)		φ5.0~φ6.5		φ6.5~φ8.5	φ8.5~φ10.0	φ10.0~φ12.0		(Configuration Options)											φ5.0~φ6.5		φ6.5~φ8.5	φ8.5~φ10.0	φ10.0~φ12.0		(Configuration Options)	
	Wire Gauge		2.5~4.0mm²/14~12AWG		2.5~4.0mm²/14~12AWG		2.5~4.0mm²/14~12AWG		1.0~1.5mm²/ 18~16AWG		1.0~1.5mm²/ 18~16AWG 0.34~0.5mm²/22~20AWG		1.0~1.5mm²/ 18~16AWG		2.5~4.0mm²/14~12AWG 0.34~0.5mm²/22~20AWG		0.34~0.5mm²/22~20AWG		0.34~0.5mm²/22~20AWG		0.34~0.5mm²/22~20AWG						
	Protection Level		Connection Status IP68																								
	Terminal Type Other		Soldering/Screwing		Soldering/Screwing		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering						
Illustration		Material	Part No																								
Plug		Metal	Male	DZ-20-C02PE-03-001A	DZ-20-C03PE-03-001A	DZ-20-C04PE-03-001A	DZ-20-C05PE-03-001A	DZ-20-C05PE-03-0xxA		DZ-20-C07PE-03-001A	DZ-20-C08PE-03-001A	DZ-20-C09PE-03-001A	DZ-20-C12PE-03-001A	DZ-20-C14PE-03-001A													
			Female	DZ-20-J02PE-03-001A	DZ-20-J03PE-03-001A	DZ-20-J04PE-03-001A	DZ-20-J05PE-03-001A	DZ-20-J05PE-03-0xxA		DZ-20-J07PE-03-001A	DZ-20-J08PE-03-001A	DZ-20-J09PE-03-001A	DZ-20-J12PE-03-001A	DZ-20-J14PE-03-001A													
In-line receptacle			Female	DH-20-J02PP-03-0xxx	DH-20-J03PP-03-0xxx	DH-20-J04PP-03-0xxx	DH-20-J05PP-03-0xxx	DH-20-J05PP-03-0xxx		DH-20-J07PP-03-0xxx	DH-20-J08PP-03-0xxx	DH-20-J09PP-03-0xxx	DH-20-J12PP-03-0xxx	DH-20-J14PP-03-0xxx													
			Male	DH-20-C02PP-03-0xxx	DH-20-C03PP-03-0xxx	DH-20-C04PP-03-0xxx	DH-20-C05PP-03-0xxx	DH-20-C05PP-03-0xxx		DH-20-C07PP-03-0xxx	DH-20-C08PP-03-0xxx	DH-20-C09PP-03-0xxx	DH-20-C12PP-03-0xxx	DH-20-C14PP-03-0xxx													
Single hole straight receptacle			Female	DH-20-J02SX-03-101A	DH-20-J03SX-03-101A	DH-20-J04SX-03-101A	DH-20-J05SX-03-101A	DH-20-J05SX-03-104A		DH-20-J07SX-03-101A	DH-20-J08SX-03-101A	DH-20-J09SX-03-101A	DH-20-J12SX-03-101A	DH-20-J14SX-03-101A													
			Male	DH-20-C02SX-03-101A	DH-20-C03SX-03-101A	DH-20-C04SX-03-101A	DH-20-C05SX-03-101A	DH-20-C05SX-03-104A		DH-20-C07SX-03-101A	DH-20-C08SX-03-101A	DH-20-C09SX-03-101A	DH-20-C12SX-03-101A	DH-20-C14SX-03-101A													
Four-hole flange receptacle			Female	DH-20-J02SX-03-403A	DH-20-J03SX-03-403A	DH-20-J04SX-03-408A	DH-20-J05SX-03-403A	DH-20-J05SX-03-404A		DH-20-J07SX-03-403A	DH-20-J08SX-03-403A	DH-20-J09SX-03-403A	DH-20-J12SX-03-403A	DH-20-J14SX-03-403A													
			Male	DH-20-C02SX-03-403A	DH-20-C03SX-03-403A	DH-20-C04SX-03-408A	DH-20-C05SX-03-403A	DH-20-C05SX-03-404A		DH-20-C07SX-03-403A	DH-20-C08SX-03-4xxx	DH-20-C09SX-03-403A	DH-20-C12SX-03-403A	DH-20-C14SX-03-403A													

DZ SERIES

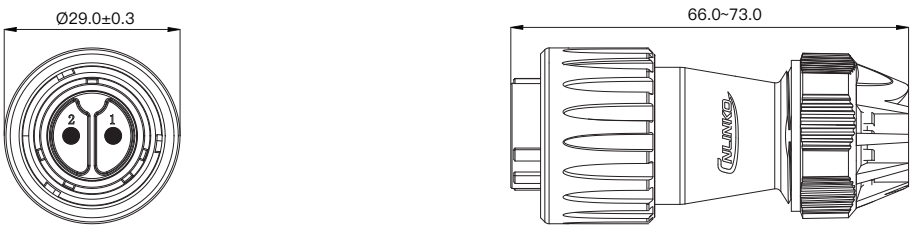
DZ SERIES

Manufacturer of Industrial Waterproof Connector With High Reliability



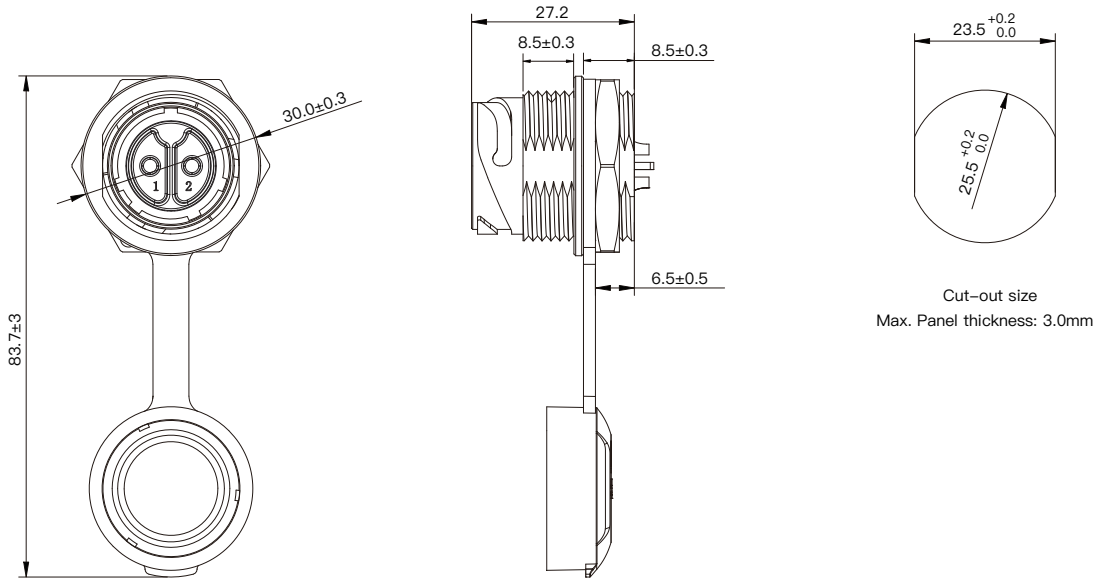
DZ-20 Dimension Drawing (unit: mm)

Plug



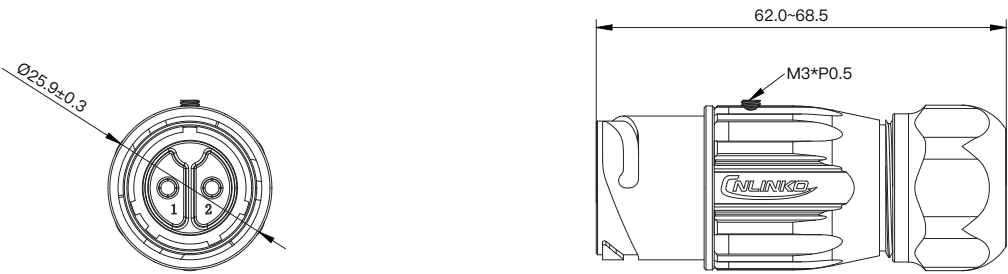
DZ SERIES

Single hole straight receptacle

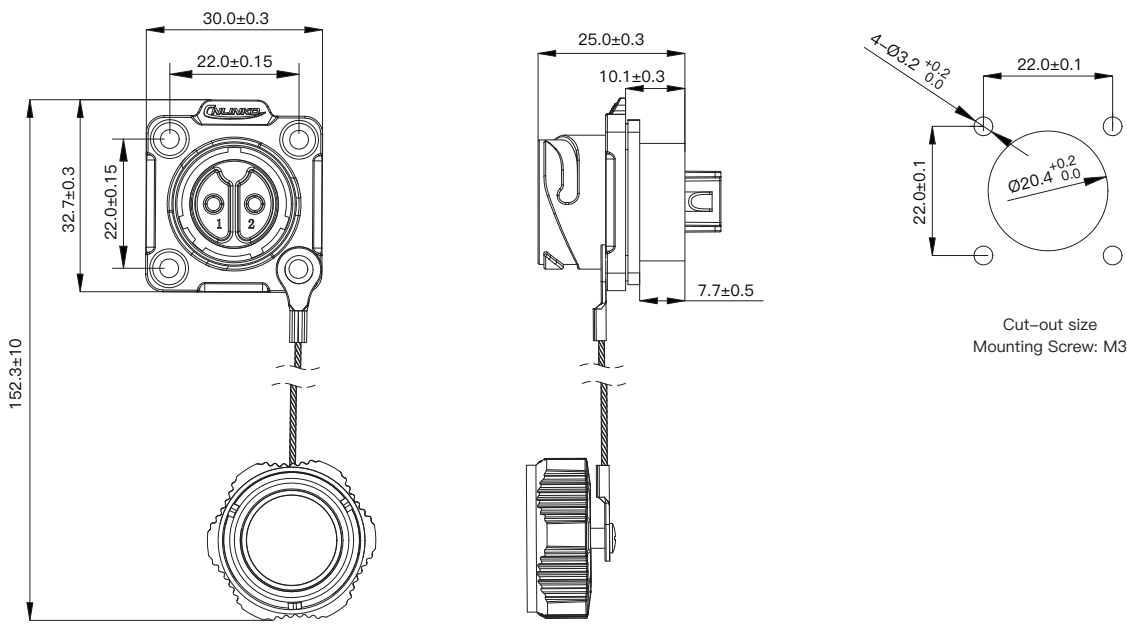


DZ SERIES

In-line receptacle

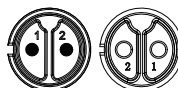
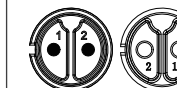
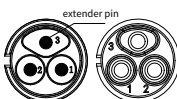
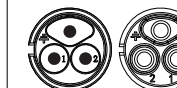
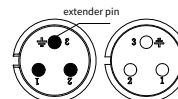
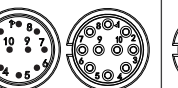
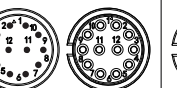
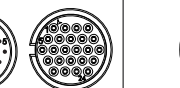


Four-hole flange receptacle



DZ-24 Datasheet

DZ-24

DZ24 Power/Signal	Product Series		DZ-24																					
	Pin Number		2PIN		3PIN		3PIN		4PIN		10PIN		12PIN		19PIN		24PIN		RJ45					
	Contact Layout																							
	Current Rating(A)		25		35		25		35		45		25		10		10		5		5		1.5	
	Voltage Rating(V)		500		300		500		300		230		500		400		400		250		250		125	
	Cable O.D(mm)		φ5.0~φ6.5 φ6.5~φ8.5 φ8.5~φ10.0 φ10.0~φ12.0 (Configuration Options) φ5.0~φ6.5 φ6.5~φ8.5 φ8.5~φ10.0 φ10.0~φ12.0 (Configuration Options)																					
	Wire Gauge		2.5~4.0mm ² /14~12AWG		6.0~8.0mm ² /10~8AWG		2.5~4.0mm ² /14~12AWG		6.0~8.0mm ² /10~8AWG		10(single cord)mm ² 8~6AWG		2.5~4.0mm ² /14~12AWG		1.0~1.5mm ² / 18~16AWG		1.0~1.5mm ² / 18~16AWG		0.34~0.5mm ² / 22~20AWG		0.34~0.5mm ² / 22~20AWG		—	
	Protection Level		Connection Status IP68																					
	Terminal Type Other		Soldering/Screwing		Soldering		Soldering/Screwing		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering		CAT.3~CAT.6	
Illustration		Material	Part No																					
Plug		Metal	Male	DZ-24-C02PE-03-001	DZ-24-C02PE-03-035	DZ-24-C03PE-03-001	DZ-24-C03PE-03-035	DZ-24-C03PE-03-050	DZ-24-C04PE-03-001	DZ-24-C10PE-03-001A	DZ-24-C12PE-03-001A	DZ-24-C19PE-03-001A	DZ-24-C24PE-03-001A	DZ-24-C/RJ45/015/PE-43-001										
			Female	DZ-24-J02PE-03-001	DZ-24-J02PE-03-035	DZ-24-J03PE-03-001	DZ-24-J03PE-03-035	DZ-24-J03PE-03-050	DZ-24-J04PE-03-001	DH-24-C10PP-03-0xxA	DZ-24-J12PE-03-001A	DZ-24-J19PE-03-001A	DZ-24-J24PE-03-001A	—										
In-line receptacle			Female	DH-24-J02PP-03-0xxx	DH-24-J02PP-03-0xxx	DH-24-J03PP-03-0xxx	DH-24-J03PP-03-0xxx	DH-24-J03PP-03-0xxx	DH-24-J04PP-03-0xxx	DH-24-J10PP-03-0xxx	DH-24-J12PP-03-0xxx	DH-24-J19PP-03-0xxx	DH-24-J24PP-03-0xxx	—										
			Male	DH-24-C02PP-03-0xxx	DH-24-C02PP-03-0xxx	DH-24-C03PP-03-0xxx	DH-24-C03PP-03-0xxx	DH-24-C03PP-03-0xxx	DH-24-C04PP-03-0xxx	DH-24-C10PP-03-0xxx	DH-24-C12PP-03-0xxx	DH-24-C19PP-03-0xxx	DH-24-C24PP-03-0xxx	—										
Single hole straight receptacle			Female	DH-24-J02SX-03-1xxx	DH-24-J02SX-03-1xxx	DH-24-J03SX-03-1xxx	DH-24-J03SX-03-1xxx	DH-24-J03SX-03-1xxx	DH-24-J04SX-03-108A	DH-24-J10SX-03-108A	DH-24-J12SX-03-1xxx	DH-24-J19SX-03-1xxx	DH-24-J24SX-03-108	DH-24-J/RJ45/213/SX-43-108-cat.3										
			Male	DH-24-C02SX-03-xxx	DH-24-C02SX-03-1xxx	DH-24-C03SX-03-108A	DH-24-C03SX-03-1xxx	DH-24-C03SX-03-1xxx	DH-24-C04SX-03-108A	DH-24-C10SX-03-1xxx	DH-24-C12SX-03-1xxx	DH-24-C19SX-03-1xxx	DH-24-C24SX-03-1xxx	—										
Four-hole flange receptacle			Female	DH-24-J03SX-03-4xxx	DH-24-J03SX-03-4xxx	DH-24-J03SX-03-403A	DH-24-J03SX-03-4xxx	DH-24-J03SX-03-4xxx	DH-24-J04SX-03-408A	DH-24-J10SX-03-408	DH-24-J12SX-03-408	DH-24-J19SX-03-408	DH-24-J24SX-03-408	DH-24-J/RJ45/213/SX-43-416										
			Male	DH-24-C03SX-03-4xxx	DH-24-C03SX-03-4xxx	DH-24-C03SX-03-407A	DH-24-C03SX-03-437	DH-24-C03SX-03-4xxx	DH-24-C04SX-03-408A	DH-24-C10SX-03-4xxx	DH-24-C12SX-03-408	DH-24-C19SX-03-4xx	DH-24-C12SX-03-408	—										

DZ SERIES

DZ SERIES

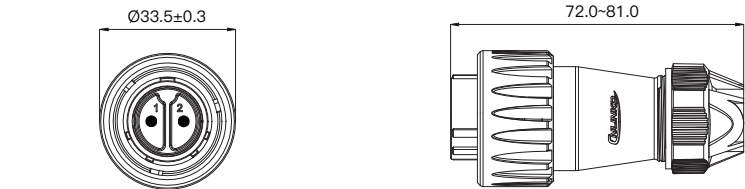
DZ-24 Datasheet

DZ-24

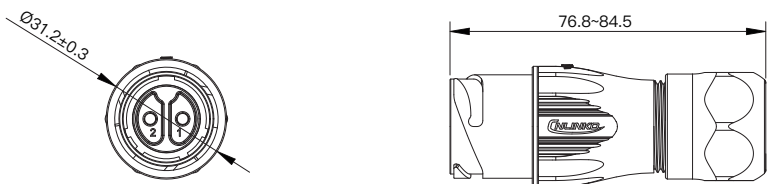
DZ24 Power/Signal	Product Series		DZ-24				
	Pin Number		USB2.0	USB3.0	DAV2.0	DAV2.1	光纤
	Contact Layout						
	Current Rating(A)		1.5	1.8	0.5	0.5	—
	Voltage Rating(V)		5	5	5	5	—
	Cable O.D(mm)		φ5.0~φ6.5 φ6.5~φ8.5 φ8.5~φ10.0 φ10.0~φ12.0 (Configuration Options)				
	Wire Gauge		—	—	—	—	—
	Protection Level		Connection Status IP68				
	Terminal Type Other		480 Mbps	5.0 Gbps	18 Gbps	48 Gbps	plug-in loss≤0.35dB return loss≥50dB
Illustration	Material	Part No					
Plug	Metal	Male	DZ-24-C/USB2/016/PE-43-001	DZ-24-C/USB3/016/PE-43-001	DZ-24-HDPE-43-001	DZ-24-HDPE-43-001	DZ-24-C/LC/016/PE-43-001 DZ-24-C/LC/016/PE-43-002
		Female	—	—	—	—	—
Single hole straight receptacle		Female	DH-24-J/USB2/213/SX-43-1xxx	DH-24-J/USB3/213/SX-43-1xxx	DH-24-HD-43-104	DH-24-HDSX-43-103	DH-24-J/LC/213/SX-43-1xxx DH-24-J/LC/213/SX-43-1xxx
		Male	—	—	—	—	—
Four-hole flange receptacle		Female	DH-24-J/USB2/213/SX-43-410	DH-24-J/USB3/213/SX-43-408A	DH-24-HDSX-43-403	DH-24-HDSX-43-4xx	DH-24-J/LC/213/SX-43-404 DH-24-J/LC/213/SX-43-402
		Male	—	—	—	—	—

DZ-24 Dimension Drawing (unit: mm)

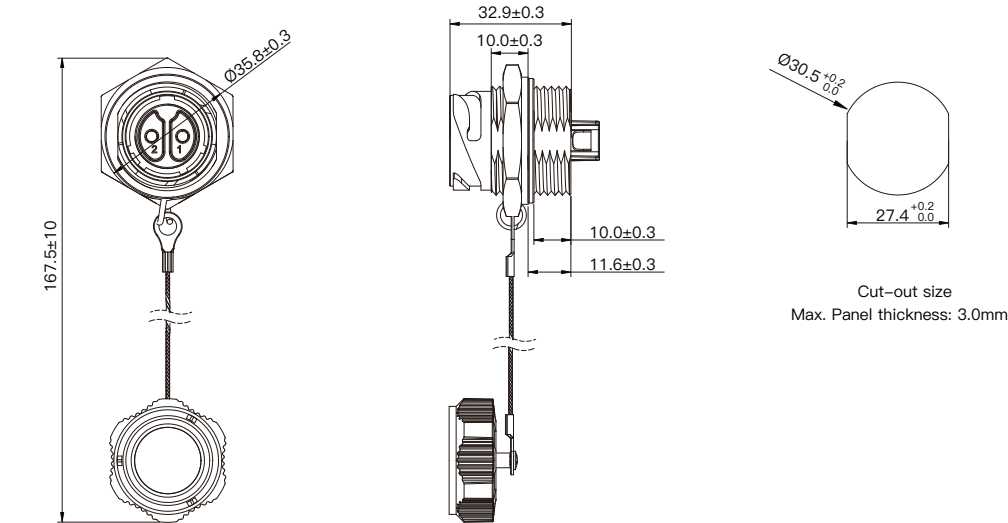
Plug



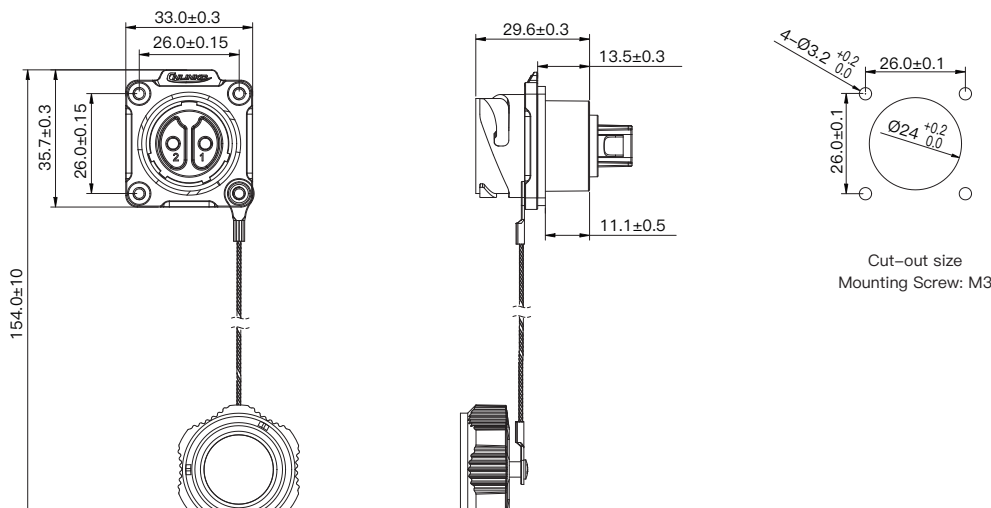
In-line receptacle



Single hole straight receptacle



Four-hole flange receptacle



Manufacturer of Industrial Waterproof Connector With High Reliability



YA SERIES
Cap Self-locking
Waterproof Connector

Application Type of YA Waterproof Connector

CNLINKO YA (M20) Series waterproof connector, Distinguished by its unique bayonet design for quick, tool-free rotation locking, this connector is widely used in industrial LED displays, audio systems, and commercial/entertainment equipment like stage gear and DMX lighting. The series includes multi-core connectors, offering plugs, sockets, and receptacles. A simple yet reliable quick-lock system ensures a complete and secure connection every time.

Series product information:

Series code:	YA- 20
Hole size:	Please refer to the external dimension drawing for detailed hole size.
Application types:	Multi Pins (2, 3, 4, 5, 7, 9, 12, 14pins) The working voltage of the power connection can reach 500V, current rated is 20A (2, 3, 4 pin), 10A (5, 7 pin), 5A (9, 12, 14 pin)
Material type:	Plastic + Metal Type

Introduction:

Product types include power 2, 3, 4, 5, 7, 9, 12, 14 pin. Metal Type uses a zinc alloy shell, which has high strength; the plastic type uses an engineering plastic shell, which is light in weight.The socket adopts the automatic flip protection function, which is easy to operate, safe and stable.

Main body material, process and surface treatment:

Shell:	Material: Engineering Plastic/Metal	Surface Treatment: chrome plating
	Production Process: Injection Molding & Die Casting & Machining	

Module material, process and surface treatment:

Contact:	Material: Male/Female Pin (Copper Alloy)	Production Process: Machining & Stamping
	Surface Treatment: Plated in Gold	
Insulator:	Material: Engineering Plastic	Production process: injection molding

Packaging and Storage:

The product is in a sealed bag, with a small box in the large box, and a label on the small box. The label indicates the product name, model, batch number, and number of products. Packaged products are recommended to be stored in a warehouse with an ambient temperature of 25°C±3°C,a relative humidity of ≤75%, and no acidic, alkaline and other corrosive gases in the surrounding air. Other storage environments may affect product life.

Check the official website YA series area:

Scan the QR code below to check the YA area of CNLINKO's official website. If you have any doubts, you can contact the online customer service for more detailed product information.



YA Series Overview

YA SERIES

YA SERIES

Applications



YA-20 series products are used in a control box of an automation equipment

Features Overview

YA SERIES



Bayonet locking connection

YA series adopts Bayonet locking connection, which is convenient, fast, safe and firm.



Cap self-locking protective cover

The automatic flip-top dust protection cover effectively protects the internal structure of the Receptacle in real time.



Schematic diagram of product structure

The precise structural positioning system ensures the safety and stability of the connection performance.



Installation method

The Receptacle adopts two-hole and single-hole panel installation, which is convenient and stable; it can be used for front or rear connection.



Series Infographic



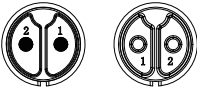
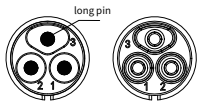
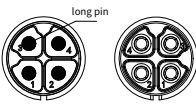
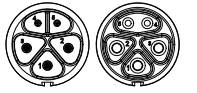
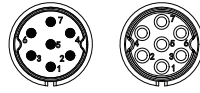
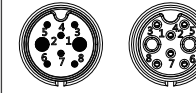
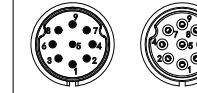
YA SERIES

YA–20 Series Information Overview		P137
Product application type:	Power: 2, 3, 4 pin	
	Signal: 5, 7, 9, 12, 14 pin	
	Voltage Rating: 500V(2~5, 7 pin), 300V(5 pin), 250V(8 pin hybrid, 9, 12, 14 pin) Current Rating: 20A(2~4 pin), 20A+5A(8 pin hybrid), 10A(5, 7 pin), 10A+5A(5 pin hybrid), 5A(9, 12, 14 pin)	
Cable O.D:	Multi-pin type: Φ5.0~6.5mm, Φ6.5~8.5mm, Φ8.5~10.0mm, Φ10.0~12.0mm	
	Multi-pin type: Φ5.0~Φ6.5mm	
Details page:	Product Parameter Map: P137	Dimension Drawing: P137

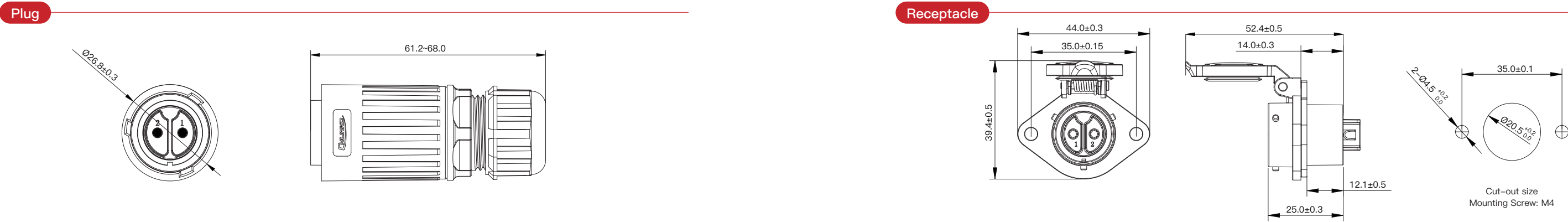
- Main feature:**
- The strategic use of both plastic and alloy housings ensures the socket’s mechanical strength while maintaining the plug’s lightweight and corrosion-resistant properties;
 - Gold-plated contacts, high-strength corrosion resistance and electrical conductivity, can effectively cope with the temperature rise caused by the current;
 - The automatic flip-proof dust protection cover can effectively protect the internal components of the socket in real time;
 - Current Rated:5A/10A/20A;
 - The product meets the IP67 protection level when connected.

YA-20 Datasheet

YA-20

YA20 Power/Signal	Product Series		YA-20								YA-20																															
	Pin Number		2PIN		3PIN		4PIN		5PIN		5PIN		7PIN		8PIN		9PIN		12PIN		14PIN																					
	Contact Layout		 Male Female		 Male Female		 Male Female		 Male Female		 Male Female		 Male Female		 Male Female		 Male Female		 Male Female		 Male Female																					
	Current Rating(A)		20		20		20		10		10+5		10		20+5		5		5		5																					
	Voltage Rating(V)		500		500		500		500		300		500		250		250		250		250																					
	Cable O.D(mm)		φ5.0~φ6.5 φ6.5~φ8.5 φ8.5~φ10.0		φ10.0~φ12.0 (Configuration Options)																		φ5.0~φ6.5 φ6.5~φ8.5 φ8.5~φ10.0		φ10.0~φ12.0 (Configuration Options)																	
	Wire Gauge		2.5~4.0mm ² /14~12AWG		2.5~4.0mm ² /14~12AWG		2.5~4.0mm ² /14~12AWG		1.0~1.5mm ² / 18~16AWG		1.0~1.5mm ² / 18~16AWG 0.34~0.5mm ² /22~20AWG		1.0~1.5mm ² / 18~16AWG		2.5~4.0mm ² /14~12AWG 0.34~0.5mm ² /22~20AWG		0.34~0.5mm ² /22~20AWG		0.34~0.5mm ² /22~20AWG		0.34~0.5mm ² /22~20AWG																					
	Protection Level		Connection Status IP67																																							
	Terminal Type Other		Soldering/Screwing		Soldering/Screwing		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering																					
	Illustration		Material		Part No																																					
		Metal + Plastic		Male		YA-20-C02PE-01-001A	YA-20-C03PE-01-001A	YA-20-C04PE-01-001A	YA-20-C05PE-01-001A	YA-20-C05PE-01-0XX		YA-20-C07PE-01-001A	YA-20-C08PE-01-0XX	YA-20-C09PE-01-001A	YA-20-C12PE-01-001A	YA-20-C14PE-01-001A																										
				Female		YA-20-J02PE-01-001A	YA-20-J03PE-01-001A	YA-20-J04PE-01-001A	YA-20-J05PE-01-001A	YA-20-J05PE-01-0XX		YA-20-J07PE-01-001A	YA-20-J08PE-01-0XX	YA-20-J09PE-01-001A	YA-20-J12PE-01-001A	YA-20-J14PE-01-001A																										
		Metal		Female		YA-20-J02SX-03-201A	YA-20-J03SX-03-201A	YA-20-J04SX-03-201A	YA-20-J05SX-03-201A	YA-20-J05SX-03-2XX		YA-20-J07SX-03-201A	YA-20-J08SX-03-2XX	YA-20-J09SX-03-201A	YA-20-J12SX-03-201A	YA-20-J14SX-03-201A																										
				Male		YA-20-C02SX-03-201A	YA-20-C03SX-03-201A	YA-20-C04SX-03-201A	YA-20-C05SX-03-201A	YA-20-C05SX-03-251		YA-20-C07SX-03-201A	YA-20-C08SX-03-2XX	YA-20-C09SX-03-201A	YA-20-C12SX-03-201A	YA-20-C14SX-03-201A																										

YA-20 Dimension Drawing (unit: mm)



Manufacturer of Industrial Waterproof Connector With High Reliability



YZ SERIES

YZ Optical fiber
Waterproof connector

YZ SERIES

YZ SERIES

YZ waterproof connector application type



YZ(M20) connector, using full zinc alloy shell structure and pure gold plated contacts, meets the application requirements of high-end products, uses rotary locking, safe and firm, Multi-pin configurations for both power and signal modules, adaptable to a wide range of applications.

• Series product information:

Series code:	YZ- 20
Hole size:	Please refer to the external dimension drawing for detailed hole size.
Application types:	Multi Pins (2, 3, 4, 5, 7, 9, 12, 14pin) The working voltage of the power connection can reach 300V, current rated is 20A (2, 3, 4 pin), 10A (5, 7 pin), 5A (9, 12, 14 pin)
Material type:	Metal type

• Introduction:

Product types include 2, 3, 4, 5, 7, 9, 12, 14 pin categories. Designed with zinc alloy housing for high strength and superior resistance to mechanical stress.
YZ Series features a threaded locking design, ensuring straightforward operation and a secure, stable connection.

• Main body material, process and surface treatment:

Shell:	Material: Metal	Surface treatment: Chrome plating
	Production Process: Die Casting & Machining	

• Module material, process and surface treatment:

Contact:	Material: Male/Female Pin (Copper Alloy)	Production Process: Machining & Stamping
	Surface Treatment: Plated in Gold	
Insulator:	Material: Engineering Plastic	Production process: injection molding

• Packaging and Storage:

The product is in a sealed bag, with a small box in the large box, and a label on the small box. The label indicates the product name, model, batch number, and number of products. Packaged products are recommended to be stored in a warehouse with an ambient temperature of 25°C±3°C,a relative humidity of ≤75%, and no acidic, alkaline and other corrosive gases in the surrounding air. Other storage environments may affect product life.

• Check the official website YZ series area:

Scan the QR code below to check the BD area of CNLINKO's official website. If you have any doubts, you can contact the online customer service for more detailed product information.



YZ Series Overview



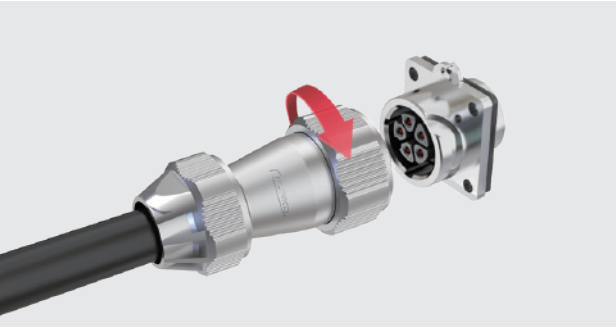
Manufacturer of Industrial Waterproof Connector With High Reliability

Applications



YZ 20 series products are used in a control box of an automation equipment

Features Overview



Bayonet Design

YZ series adopts Bayonet locking connection, which is convenient, fast, safe and firm.



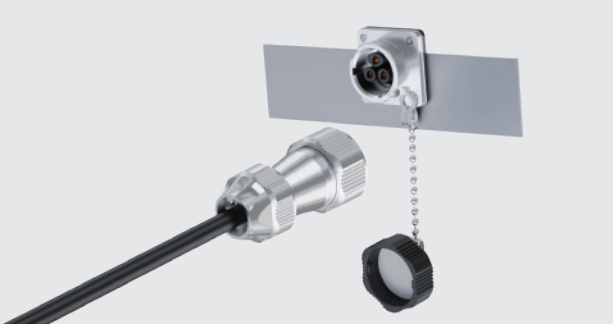
Electromagnetic and RFI protection

All-zinc alloy housing with complete electromagnetic and radio frequency interference protection to meet the matching needs of various application environments.



Schematic diagram of product structure

The precise structural positioning system ensures the safety and stability of the connection performance.



Installation method

The Receptacle adopts four-hole panel installation, which is convenient and stable.



Series Infographic



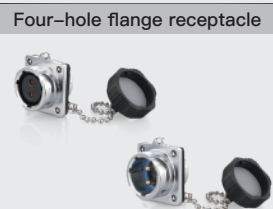
YZ-20 Series Information Overview		
Product application type:	Power: 2, 3, 4, 5 pin	
	Signal: 7, 9, 12, 14 pin	
	Voltage Rating: 500V(2~5, 7 pin), 250V(8 pin hybrid, 9, 12, 14 pin) Current Rating: 20A(2~4 pin), 20A+5A(8 pin hybrid), 10A(5, 7 pin), 10A+5A(5 pin hybrid), 5A(9, 12, 14 pin)	
	Cable O.D:	
Multi-pin type: Φ5.0~6.5mm, Φ6.5~8.5mm, Φ8.5~10.0mm, Φ10.0~12.0mm		
Details page:	Product Parameter Map: P143	Dimension Drawing: P143

Main feature:

- All-zinc alloy shell, with complete electromagnetic and radio frequency interference protection;
- 1/4 Bayonet connection, stable and safe;
- humanized design of the Coupling ring anti-slip;
- The suspended dust cover design can effectively prevent foreign objects from entering in non-working state, with high safety performance and convenient operation;
- The product meets the IP67 protection level when connected.

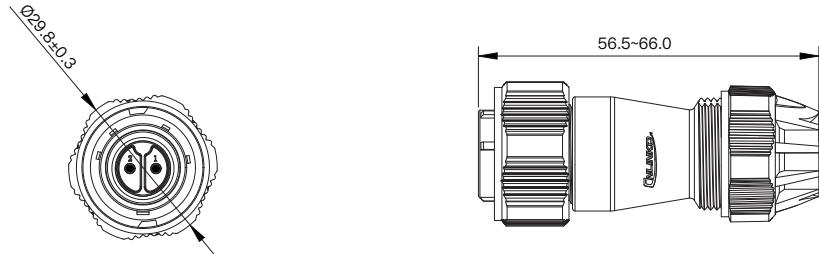
YZ-20 Datasheet

YZ-20

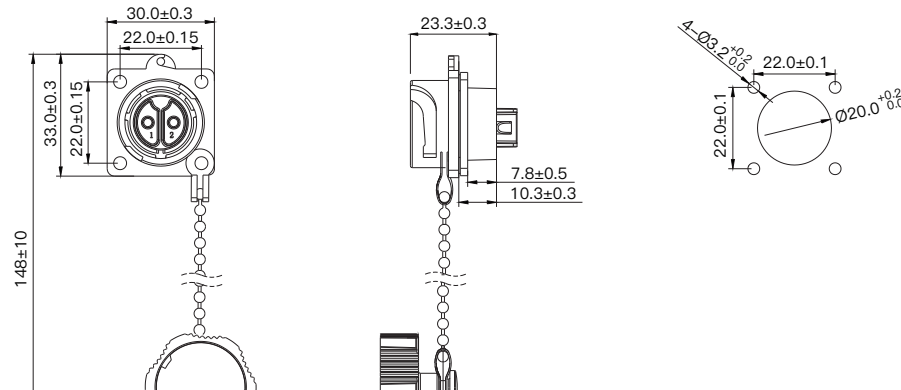
YZ20 Power/Signal	Product Series		YZ-20					YZ-20																																		
	Pin Number		2PIN		3PIN		4PIN		5PIN		5PIN		7PIN		8PIN		9PIN		12PIN		14PIN																					
	Contact Layout		 Male		 Female		 Male		 Female		 Male		 Female		 Male		 Female		 Male		 Female		 Male		 Female		 Male		 Female		 Male		 Female		 Male		 Female		 Male		 Female	
	Current Rating(A)		20		20		20		10		10+5		10		20+5		5		5		5																					
	Voltage Rating(V)		500		500		500		500		300		500		250		250		250		250																					
	Cable O.D(mm)		φ5.0~φ6.5		φ6.5~φ8.5	φ8.5~φ10.0	φ10.0~φ12.0 (Configuration Options)					φ5.0~φ6.5		φ6.5~φ8.5	φ8.5~φ10.0	φ10.0~φ12.0 (Configuration Options)																										
	Wire Gauge		2.5-4.0mm²/14-12AWG		2.5-4.0mm²/14-12AWG		2.5-4.0mm²/14-12AWG		1.0-1.5mm²/ 18-16AWG		1.0-1.5mm²/ 18-16AWG 0.34-0.5mm²/22-20AWG		1.0-1.5mm²/ 18-16AWG		2.5-4.0mm²/14-12AWG 0.34-0.5mm²/22-20AWG		0.34-0.5mm²/22-20AWG		0.34-0.5mm²/22-20AWG		0.34-0.5mm²/22-20AWG																					
	Protection Level		Connection Status IP67																																							
	Terminal Type Other		Soldering/Screwing		Soldering/Screwing		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering		Soldering																					
	Illustration		Material	Part No																																						
		Metal	Male	YZ-20-C02PE-03-001A	YZ-20-C03PE-03-001A	YZ-20-C04PE-03-001A	YZ-20-C05PE-03-001A	YZ-20-C05PE-03-xxxx		YZ-20-C07PE-03-001A	YZ-20-C08PE-03-001A	YZ-20-C09PE-03-001A	YZ-20-C12PE-03-001A	YZ-20-C14PE-03-001A																												
			Female	YZ-20-J02PE-03-001A	YZ-20-J03PE-03-001A	YZ-20-J04PE-03-001A	YZ-20-J05PE-03-001A	YZ-20-J05PE-03-xxxx		YZ-20-J07PE-03-001A	YZ-20-J08PE-03-001A	YZ-20-J09PE-03-001A	YZ-20-J12PE-03-001A	YZ-20-J14PE-03-001A																												
			Female	YZ-20-J02SX-03-401A	YZ-20-J03SX-03-401A	YZ-20-J04SX-03-401A	YZ-20-J05SX-03-401A	YZ-20-J05SX-03-xxxx		YZ-20-J07SX-03-401A	YZ-20-J08SX-03-401A	YZ-20-J09SX-03-401A	YZ-20-J12SX-03-401A	YZ-20-J14SX-03-401A																												
			Male	YZ-20-C02SX-03-401A	YZ-20-C03SX-03-401A	YZ-20-C04SX-03-401A	YZ-20-C05SX-03-401A	YZ-20-C05SX-03-xxxx		YZ-20-C07SX-03-401A	YZ-20-C08SX-03-401A	YZ-20-C09SX-03-401A	YZ-20-C12SX-03-401A	YZ-20-C14SX-03-401A																												

YZ-20 Dimension Drawing (unit: mm)

Plug



Four-hole flange receptacle



Manufacturer of Industrial Waterproof Connector With High Reliability

YW SERIES

YW threaded circular
Waterproof connector

YW SERIES



YW waterproof connector application type



CNLINKO YW(M16, M20) series waterproof connectors use zinc alloy shell, which can effectively carry out safety and signal shielding protection. It adopts screw locking, which is more firm and reliable. Widely used in industrial LED screen design, audio and video transmission and other industrial equipment.

• Series product information:

Series code:	YW- 16, YW- 20
Hole size:	Please refer to the external dimension drawing for detailed hole size.
Application types:	Multi-PIN type (2, 3, 4, 5, 7, 9, 12, 14 pin) The operating voltage of the power connection can reach 400V, the rated current is 20A (2~4 pin), 10A (5, 7 pin), 5A (9, 12, 14 pin)
Material type:	Plastic+Metal type

• Introduction:

Product types include power 2, 3, 4, 5, 7, 9, 12, 14 pin. The housing combines metal and plastic for an aesthetically pleasing look that balances durability with lightweight. The connection is further secured by a threaded locking mechanism, ensuring simple operation and reliable performance.

• Main body material, process and surface treatment:

Shell:	Material: Engineering Plastic/Metal	Surface treatment: Chrome plating
	Production Process: Injection Molding & Die Casting & Machining	

• Module material, process and surface treatment:

Contact:	Material: Male/Female Pin (Copper Alloy)	Production Process: Machining & Stamping
	Surface Treatment: Plated in Gold	
Insulator:	Material: Engineering Plastic	Production process: injection molding

• Packaging and Storage:

The product is in a sealed bag, with a small box in the large box, and a label on the small box. The label indicates the product name, model, batch number, and number of products. Packaged products are recommended to be stored in a warehouse with an ambient temperature of 25°C±3°C,a relative humidity of ≤75%, and no acidic, alkaline and other corrosive gases in the surrounding air. Other storage environments may affect product life.

• Check the official website YW series area:

Scan the QR code below to check the YW area of Cnlinko's official website. If you have any questions; Please contact the online customer service for more detailed product information.



YW Series Overview



YW SERIES

Manufacturer of Industrial Waterproof Connector With High Reliability

Applications



YW-20 series products are used in a communication equipment

Features Overview



Reliable waterproof performance

YW series is connected by threaded locking device, which is safe and stable; the protection level reaches IP67 in the connected state, which provides good protection performance for the equipment.



Electromagnetic and Radio Frequency Interference Protection

All-zinc alloy shell, with complete electromagnetic and radio frequency interference protection, can meet the matching needs of various equipment.



Product structure diagram

The precise structural positioning system ensures the safety and stability of the connection performance.



Installation method

The socket adopts four-hole flange and straight single-hole installation, which is convenient and stable; it is suitable for connection before or after the board.



Series Infographic



YW-16 Series Information Overview			P149
Product application type:	Power: 3 pin		
	Signal: 9 pin		
	Voltage Rating: 400V(3 pin), 250V(9 pin); Current Rating: 10A(3 pin), 5A(9 pin)		
Cable O.D:	Multi-pin type: Φ3.0~5.0mm, Φ5.0~7.0mm, Φ7.0~9.0mm		
Details page:	Product Parameter Map: P149	Dimension Drawing: P150	

YW-20 Series Information Overview			P151
Product application type:	Power: 2, 3, 4, 5 pin		
	Signal: 7, 8, 9, 12, 14 pin		
	Voltage Rating: 500V(2~5, 7 pin), 250V(8 pin hybrid, 9, 12, 14 pin) Current Rating: 20A(2~4 pin), 10A(5, 7 pin), 20A+5A(8 pin hybrid), 5A(9, 12, 14 pin)		
Cable O.D:	Multi-pin type: Φ5.0~6.5mm, Φ6.5~8.5mm, Φ8.5~10.0mm, Φ10.0~12.0mm		
Details page:	Product Parameter Map: P151	Dimension Drawing: P151	

Main feature:

• Quick and easy nut-type design locking system;

• Outer ring thread locking device, stable and safe;

• All-zinc alloy shell, with complete electromagnetic and radio frequency interference protection;

• Suspended dust cover design can effectively prevent foreign objects from entering in non-working state ;

• The product meets the IP67 protection level in the connected state.

YW SERIES

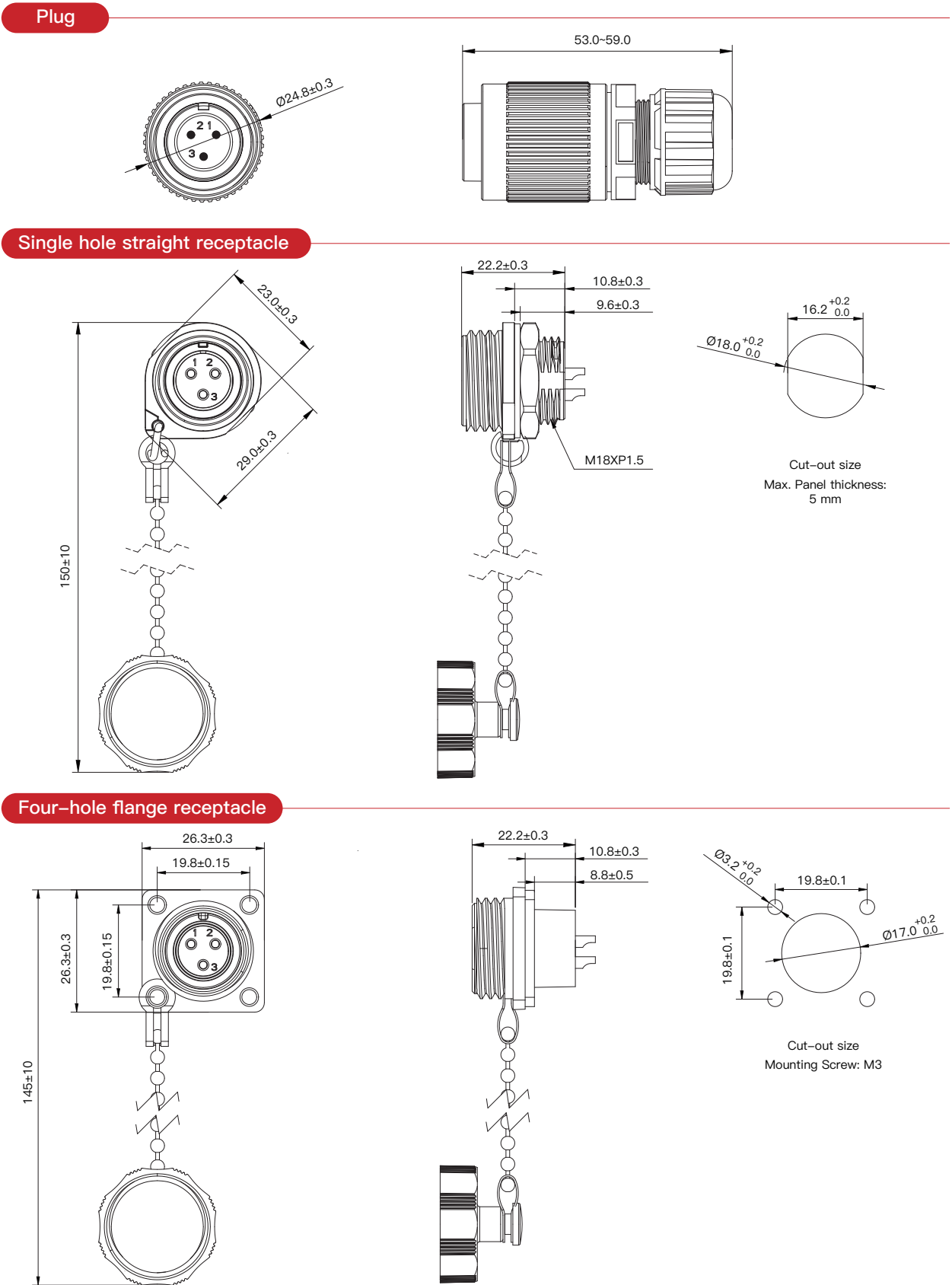
YW SERIES

YW-16 Datasheet

YW-16

YW16 Power/Signal	Product Series		YW-16	
	Pin Number		3PIN	9PIN
	Contact Layout		Male Female	Male Female
	Current Rating(A)		10	5
	Voltage Rating(V)		400	250
	Cable O.D(mm)		φ3.0~φ5.0 φ5.0~φ7.0 φ7.0~φ9.0 (Connection Status)	
	Wire Gauge		1.0~1.5mm ² / 18~16AWG	0.34~0.5mm ² /22~20AWG
	Protection Level		Connection Status IP67	
	Terminal Type Other		Soldering/Screwing	Soldering
	Illustration	Material	Part No	
Plug 	Plastic + Metal	Male	YW-16-C03PE-03-001	YW-16-C09PE-03-001
		Female	YW-16-J03PE-03-001	YW-16-J09PE-03-001
Single hole straight receptacle	Metal	Female	YW-16-J03SX-03-101	YW-16-J09SX-03-101
		Male	YW-16-C03SX-03-101	YW-16-C09SX-03-101
		Female	YW-16-J03SX-03-401	YW-16-J09SX-03-401
Four-hole flange receptacle		Male	YW-16-C03SX-03-401	YW-16-C09SX-03-401
				

YW-16 Dimension Drawing (unit: mm)



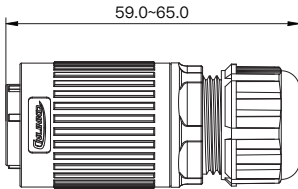
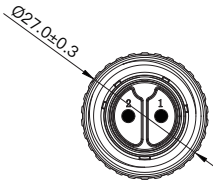
YW-20 Datasheet

YW-20

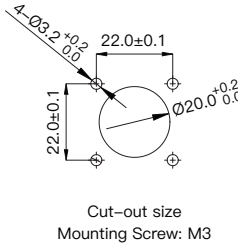
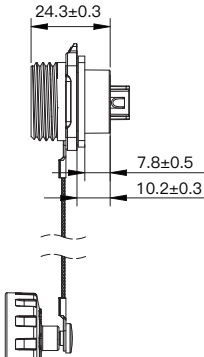
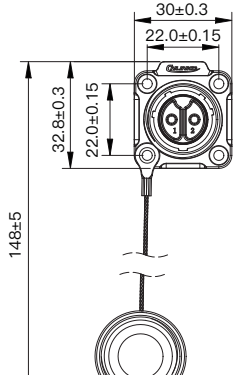
YW20 Power/Signal	Product Series		YW-20					YW-20				
	Pin Number		2PIN	3PIN	4PIN	5PIN	5PIN	7PIN	8PIN	9PIN	12PIN	14PIN
	Contact Layout		 Male  Female	 Male  Female	 Male  Female	 Male  Female	 Male  Female	 Male  Female	 Male  Female	 Male  Female	 Male  Female	 Male  Female
	Current Rating(A)		20	20	20	10	10+5	10	20+5	5	5	5
	Voltage Rating(V)		500	500	500	500	300	500	250	250	250	250
	Cable O.D(mm)		φ5.0~φ6.5	φ6.5~φ8.5	φ8.5~φ10.0	φ10.0~φ12.0	(Configuration Options)					
	Wire Gauge		2.5~4.0mm²/14~12AWG	2.5~4.0mm²/14~12AWG	2.5~4.0mm²/14~12AWG	1.0~1.5mm²/ 18~16AWG	1.0~1.5mm²/ 18~16AWG 0.34~0.5mm²/22~20AWG	1.0~1.5mm²/ 18~16AWG	2.5~4.0mm²/14~12AWG 0.34~0.5mm²/22~20AWG	0.34~0.5mm²/22~20AWG	0.34~0.5mm²/22~20AWG	0.34~0.5mm²/22~20AWG
	Protection Level		Connection Status IP67					Connection Status IP67				
	Terminal Type Other		Soldering/Screwing	Soldering/Screwing	Soldering	Soldering	Soldering	Soldering	Soldering	Soldering	Soldering	Soldering
Illustration	Material	Part No										
	Plastic + Metal	Male	YW-20-C02PE-03-001A	YW-20-C03PE-03-001A	YW-20-C04PE-03-001A	YW-20-C05PE-03-001A	YW-20-C05PE-03-xxxx	YW-20-C07PE-03-001A	YW-20-C08PE-03-001A	YW-20-C09PE-03-001A	YW-20-C12PE-03-001A	YW-20-C14PE-03-001A
		Female	YW-20-J02PE-03-001A	YW-20-J03PE-03-001A	YW-20-J04PE-03-001A	YW-20-J05PE-03-001A	YW-20-J05PE-03-xxxx	YW-20-J07PE-03-001A	YW-20-J08PE-03-001A	YW-20-J09PE-03-001A	YW-20-J12PE-03-001A	YW-20-J14PE-03-001A
	Metal	Female	YW-20-J02SX-03-401A	YW-20-J03SX-03-401A	YW-20-J04SX-03-401A	YW-20-J05SX-03-401A	YW-20-J05SX-03-xxxx	YW-20-J07SX-03-401A	YW-20-J08SX-03-401A	YW-20-J09SX-03-401A	YW-20-J12SX-03-401A	YW-20-J14SX-03-401A
		Male	YW-20-C02SX-03-401A	YW-20-C03SX-03-401A	YW-20-C04SX-03-401A	YW-20-C05SX-03-401A	YW-20-C05SX-03-xxxx	YW-20-C07SX-03-401A	YW-20-C08SX-03-401A	YW-20-C09SX-03-401A	YW-20-C12SX-03-401A	YW-20-C14SX-03-401A

YW-20 Dimension Drawing (unit: mm)

Plug



Four-hole flange receptacle



Manufacturer of Industrial Waterproof Connector With High Reliability



YU USB TYPEC SERIES
YU-USB data Waterproof connector

YU-USB/YU-TYPEC waterproof connector application type

CNLINKO multi functional data waterproof connectors YU-USB with plug/socket, dedicated to data transmission, because of plug and play, fast transmission rate, strong scalability, is widely used in computers, digital cameras, scanners and Other data transmission equipment, this series of products is diverse, which can realize male and female conversion and docking, independent female socket, male connector with cable, etc.

Series product information:

Series code:	YU- USB, YU-TYPEC
Hole size:	Please refer to the external dimension drawing for detailed hole size.
Application types:	Data: USB, TYPEC Transmission level: USB2.0, USB3.0, TYPEC3.1 Data connection withstand Voltage: 100V/Min Contact Resistance: 30mΩ/Max Optional data transmission level
Material type:	Plastic type

Introduction:

Product types include data type (USB2.0, USB3.0, TYPEC3.1). Using engineering plastic shell, light weight. YU series products are diverse and can be used flexibly; sockets and rubber-coated plugs adopt a stable jacket snap-type locking method, which is easy to operate, safe and stable.

Main body material, process and surface treatment:

Shell:	Material: Material: Engineering plastic	Production process: Injection molding
--------	---	---------------------------------------

Module material, process and surface treatment:

Contact:	Material: Male/Female Pin (Copper Alloy)	Production Process: Machining & Stamping
	Surface Treatment: Plated in Gold	
Insulator:	Material: Engineering Plastic	Production process: injection molding

Packaging and Storage:

The product is in a sealed bag, with a small box in the large box, and a label on the small box. The label indicates the product name, model, batch number, and number of products. Packaged products are recommended to be stored in a warehouse with an ambient temperature of 25°C±3°C,a relative humidity of ≤75%, and no acidic, alkaline and other corrosive gases in the surrounding air. Other storage environments may affect product life.

Check the official website YU series area:

Scan the QR code below to check the YU series area of CNLINKO's official website. If you have any questions, Please contact the online customer service for more detailed product information.



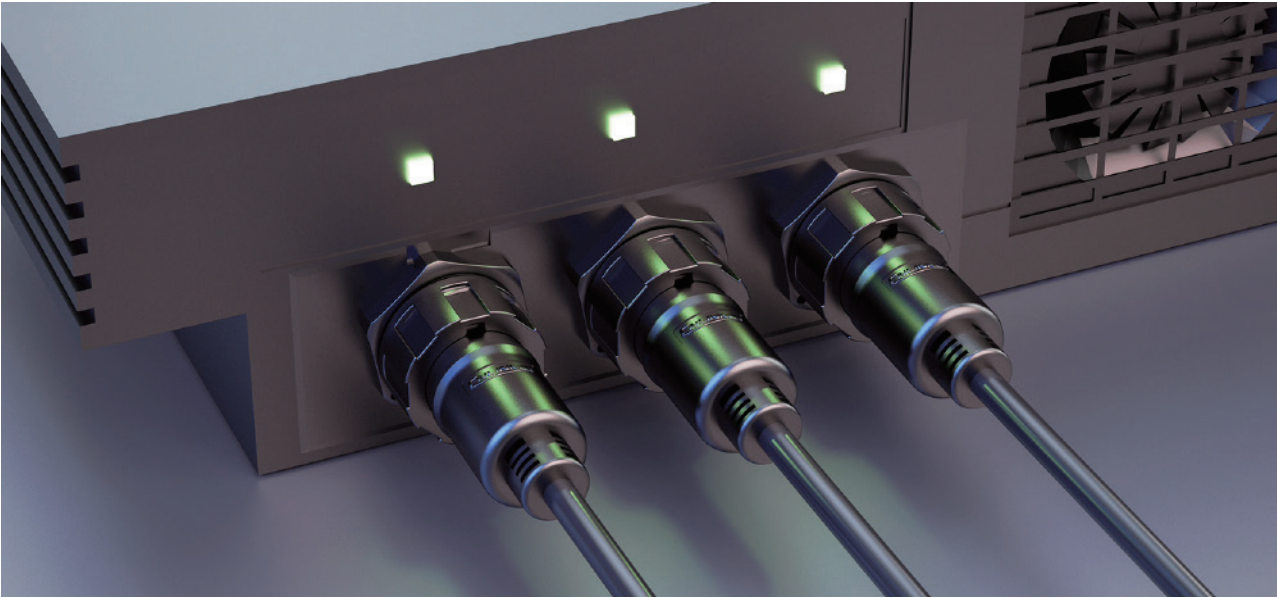
YU Series Overview

YU SERIES

YU SERIES

Manufacturer of Industrial Waterproof Connector With High Reliability

Applications



YU-USB series products are used in an automation equipment control box

Features Overview



Reliable waterproof performance

The protection level of YU-USB series can reach IP68/IPX9K when mated, which can provide good electrical protection performance for the equipment.



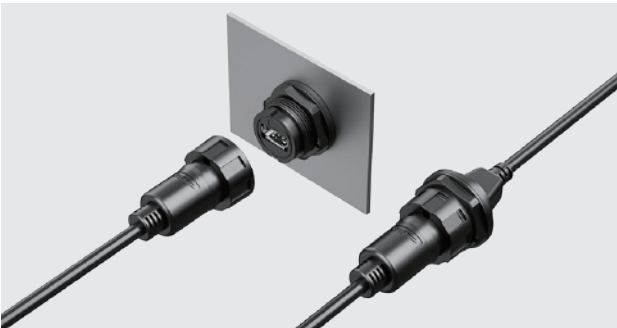
A variety of matching methods

The products are diversified, and the products of the same transmission grade can be used flexibly to adapt to more different application environments.



Bayonet locking design

The socket and its matching plug are secured by a robust bayonet-lock mechanism, ensuring a safe and stable connection.



Multiple connection methods

It supports panel installation, and can also be connected by wire-to-wire, with various connection methods.



Series Infographic



YU-USB/YU-TYPEC Series Information Overview		P157
Product application type:	Data: USB, Type-C	
	Transmission level: USB2.0, USB3.0, TYPEC3.1	
Details page:	Data connection withstand voltage 100V/Min, contact resistance30mΩ/Max, optional data transmission level	
	Product Parameter Map: P157	Dimension Drawing: P157

Main feature:

- Independent socket design, without tool assistance, easy installation and easy operation;
- It can realize double-head male and female transfer, the buckle is locked, and it is safe and firm;
- The all-plastic housing design is not only more lightweight but also offers superior corrosion and chemical resistance;
- The robust connection system provides solutions for data connection transmission in different environments;
- The product meets the IP68/IPX9K protection level when mated.



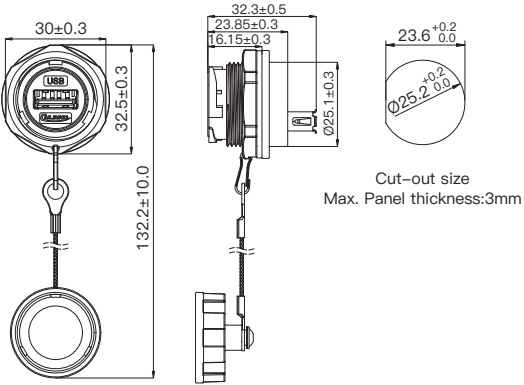
YU

YU-USB/YU-TYPEC Datasheet

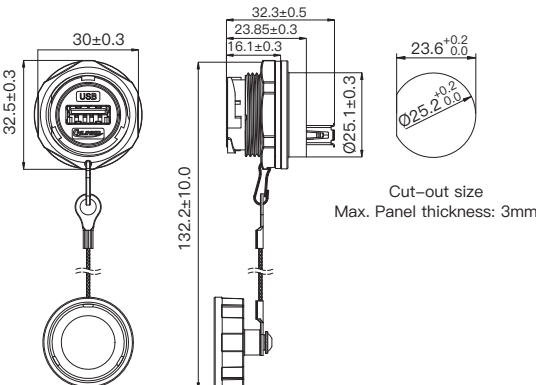
Data	Product Series	YU-USB2.0		YU-USB3.0			YU-TYPEC3.1	YU-TYPEC3.1 to USB2.0	YU-TYPEC3.1 to USB3.0
	Current Rating(A)	1.5		1.8			5	1.5	1.8
	Voltage Rating(V)	5		5			20	300	300
	Cable O.D(mm)	—		—			—	—	—
	Wire Gauge	—		—			—	—	—
	Protection Level	Connection Status IP68/IPX9K		Connection Status IP68/IPX9K			Connection Status IP68/IPX9K	Connection Status IP68/IPX9K	Connection Status IP68/IPX9K
	Terminal Type Other	480 Mbps		5.0 Gbps			—	—	—
	USB2.0 (Line length:1m)		USB3.0			YTPEC3.1			
Product Image									
Part No	YU-USB2-MP-MU-1D5M-001	YU-USB2-JSX-02-116A	YU-USB3-MP-MU-1M-001	YU-USB3-JSX-02-101A		YU-TYPEC-MP-MTC-1M-001	YU-TYPEC-JSX-02-104A	YU-TYPEC-JSX-02-107A	
Product Image									
Part No	YU-USB2-JSX-02-103A	YU-USB2-FS-MU-1M-001	YU-USB3-JSX-02-110A	YU-USB3-JSX-02-166A		YU-TYPEC-JSX-02-101A	YU-TYPEC-JSX-02-105A	YU-TYPEC-JSX-02-109A	
Product Image				—			—	—	
Part No	YU-USB2-JSX-02-113A	YU-USB2-JSX-02-101A	YU-USB3-JSX-02-112A	—		YU-TYPEC-JSX-02-103A	—	—	
Product Image		—		—		—	—	—	
Part No	YU-USB2-JSX-02-115A	—	YU-USB3-FS-MU-0D3M-001	—		—	—	—	

YU-USB/YU-TYPEC Dimension Drawing (unit: mm)

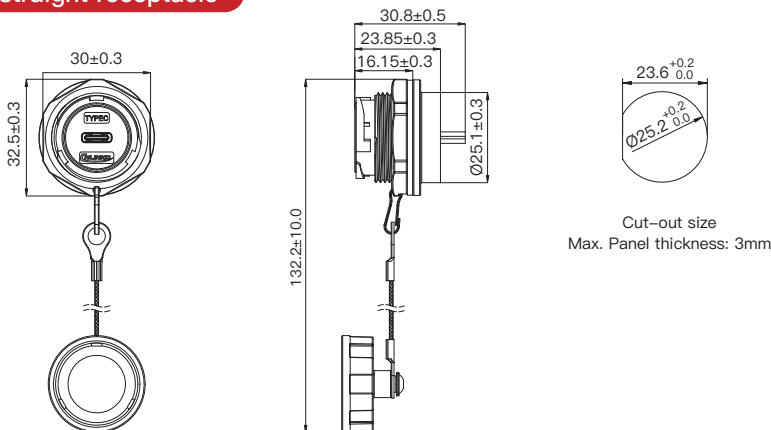
USB2.0 Single hole straight receptacle



USB3.0 Single hole straight receptacle



TYPEC3.1 Single hole straight receptacle



Manufacturer of Industrial Waterproof Connector With High Reliability



YT RJ45
USB
SERIES
Dedicated
signal connector

YT-RJ45 waterproof connector application type



YT-RJ45 dedicated for signals of CNLINKO provides solutions for signal transmission in harsh environments. These connectors are especially suitable for applications for Ethernet in audio, commercial, entertainment, on-site stage equipment, DMX lighting, industrial and outdoor network connection environments . The YT-RJ45 series provides cable jackets, assembled Socket Plug, straight plug, cable couplers and protection styles. The IP44/IP65 protection level is the strongest protection for the installation box.

Series product information:

Series code:	Signal type: RJ45
Material type:	Plastic type, metal type, plastic and metal type

Introduction:

YT series are industrial-specific signal connectors. The metal model uses a zinc alloy shell, which has high strength; the plastic model uses an engineering plastic shell, which is light in weight. The product has excellent and stable electrical performance, and is suitable for the connection of equipment installed in front of and behind the board, and can also be used for system connection outside the equipment. The operation is simple, safe and stable.

Main body material, process and surface treatment:

Shell:	Material: Engineering Plastic/Metal	Treatment: chrome plating
	Production Process: Injection Molding & Die Casting & Machining Surface	

Module material, process and surface treatment:

Contact:	Material: Male/Female Pin (Copper Alloy)	Surface Treatment: Plated in Gold
	Production Process: Machining & Stamping Surface	
Insulator:	Material: engineering plastic	Production process: injection molding

Packaging and Storage:

The product is in a sealed bag, with a small box in the large box, and a label on the small box. The label indicates the product name, model, batch number, and number of products. Packaged products are recommended to be stored in a warehouse with an ambient temperature of 25°C±3°C,a relative humidity of ≤75%, and no acidic, alkaline and other corrosive gases in the surrounding air. Other storage environments may affect product life.

Check the official website YT series area:

Scan the QR code below to check the YT Series area of CNLINKO's official website. If you have any doubts, you can contact the online customer service for more detailed product information.



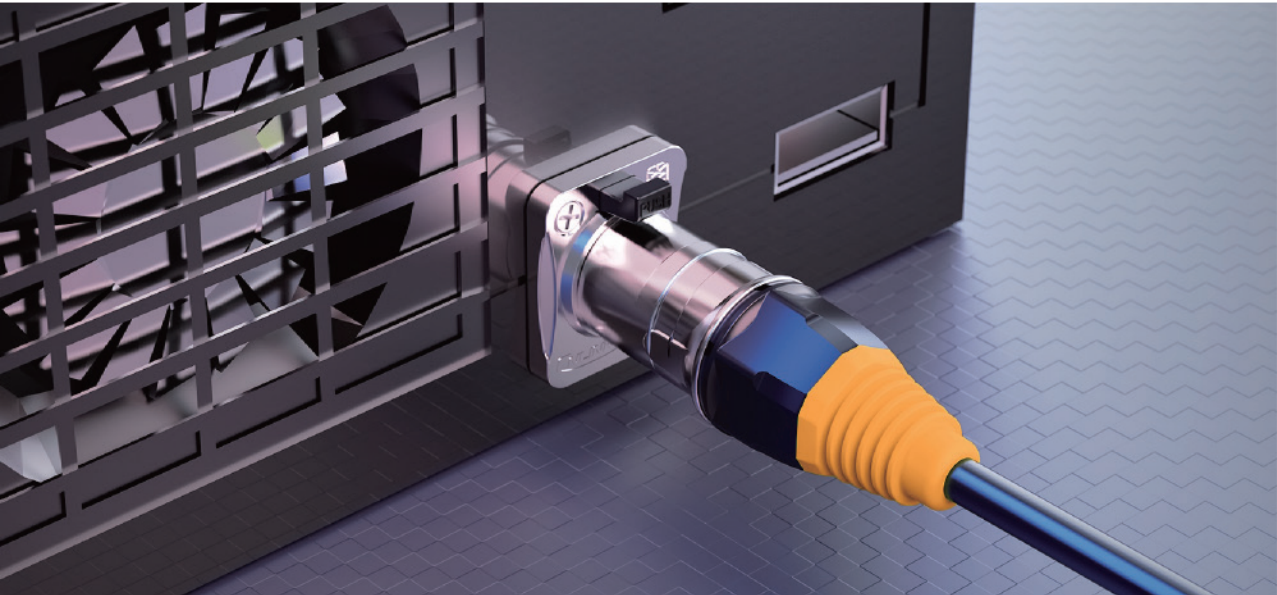
YT-RJ45 Series Overview

YT SERIES

YT SERIES

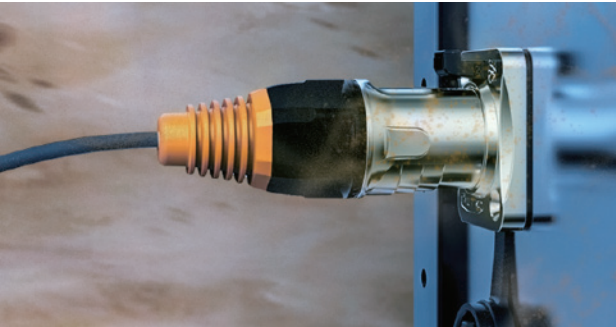
Manufacturer of Industrial Waterproof Connector With High Reliability

Applications



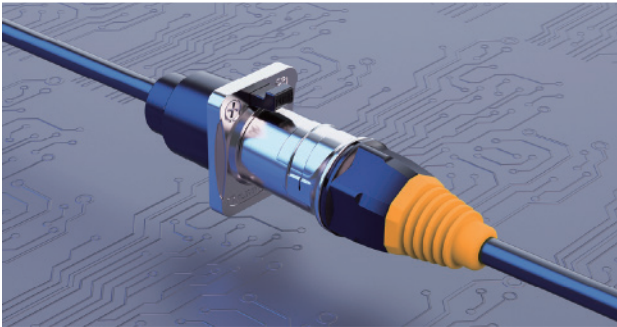
YT-RJ45 series products are used in a certain equipment information control box

Features Overview



Excellent waterproof/dustproof performance

The protection level of YT series can reach IP67 when connected, which can provide good electrical protection performance for the equipment.



Super anti-shielding ability

Precision engineered, Zero latency, Ensures faster, more stable, and secure high-speed data transmission.



Multiple style options

Various materials and styles are available to meet the needs of different application scenarios.



Panel Mount

External connection and installation, stable and convenient, safe and reliable.



Series Infographic



YT-RJ45 Series Information Overview			P163
Product application type:	Signal: RJ45		
	Voltage Rating: 125V; Current Rating: 1.5A, and the shield is optional.		
Cable O.D:	Φ5.0~Φ6.8mm		
Details page:	Product Parameter Map: P163	Dimension Drawing: P165	

- Main feature:
- According to EIA568B/ISO/IEC11801standard, it complies with CAT5e/CAT6/CAT6A, CAT3(10Mbps), CAT5 (100MHz,100Mbps), CAT5E (100MHz,1000Mbps), CAT6 (250MHz, 1000Mbps), CAT6A (500MHz,10Gbps);
 - Multi-style connection design, 1/4 quick bayonet connection (YT01), quick plug (YT10) and push-pull;
 - The cable jacket has a solid die-cast outer shell and a unique double-clamped ferrule;
 - Shielding system---high frequency noise immunity and electromagnetic interference protection;
 - The product conforms to the IP44/IP65/IP67 protection level when connected.

YT SERIES

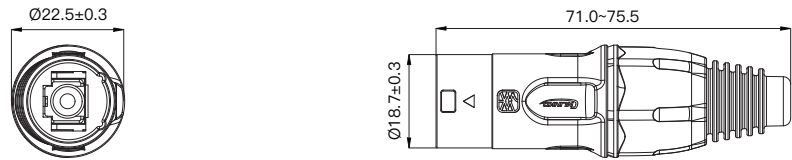
YT SERIES

YT-RJ45/YT-USB

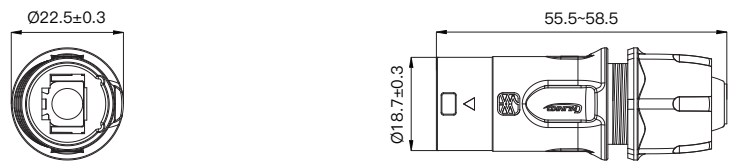
RJ45 USB Signal		Product Series	YT-RJ45							YT-USB			
		Pin Number	RJ45							—	USB		
		Contact Layout								—			
		Current Rating(A)	1.5							—	1.8		
		Voltage Rating(V)	125							—	5		
		Cable O.D(mm)	φ5.0~φ6.8							—	—		
		Wire Gauge	—							—	—		
		Protection Level	Connection Status IP44/IP65/IP67							—	Connection Status IP68		
		Terminal Type Other	CAT.3~CAT.6A							—	—		
	Circular Metal				Circular Engineering Plastic		Circular Engineering Plastic	Square Engineering Plastic		Square Metal	USB		
Plug	 YT-RJ45-CPE-10-001 (IP67)				 YT-RJ45-CPE-10-002 (IP67)	 YT-RJ45-CPE-11-001 (IP44)	 YT-RJ45-CPE-01-001 (IP67)		 YT-RJ45-CPE-29-001 (IP67)	 YT-RJ45-CPE-13-001 (IP65)	 YT-RJ45-CPE-05-001 (IP65)	 YT-RJ45-CPE-03-001 (IP65)	—
	 YT-RJ45-JSX-16-001 (IP67)				 YT-RJ45-JSX-17-001 (IP67)	 YT-RJ45-JSX-22-002 (IP67)	 YT-RJ45-JSX-21-002 (IP67)	 YT-RJ45-JSX-01-001 (IP67)		 YT-RJ45-JSX-29-001 (IP67)	 YT-RJ45-JSX-05-002 (IP65)	 YT-RJ45-JSX-07-001 (IP65)	 YT-RJ45-JSX-05-003 (IP65)
 YT-RJ45-JSX-24-002 (IP67)				 YT-RJ45-JSX-25-001 (IP67)	 YT-RJ45-JSX-32-001 (IP67)	 YT-RJ45-JSX-26-001 (IP44)	 YT-RJ45-JSX-04-002A (IP67)		 YT-RJ45-JSX-29-004 (IP67)	 YT-RJ45-JSX-02-001 (IP65)	 YT-RJ45-JSX-08-001 (IP65)	 YT-RJ45-JSX-10-001 (IP65)	—
 YT-RJ45-JSX-18-001 (IP44)				 YT-RJ45-JSX-19-001 (IP44)	 YT-RJ45-JSX-21-001 (IP44)	 YT-RJ45-JSX-22-001 (IP44)	—		—	—	—	—	—

YT-RJ45 Dimension Drawing (unit: mm)

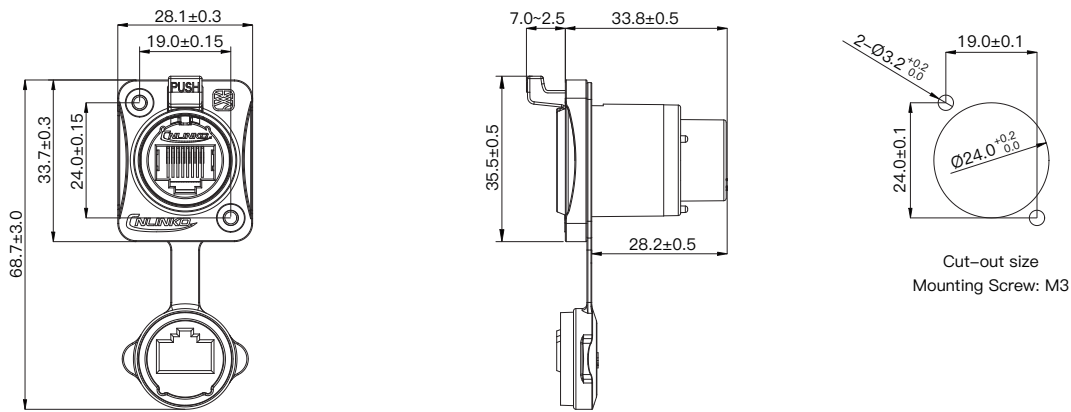
Metal Circularplug Connector YT-RJ45-CPE-11-001/2



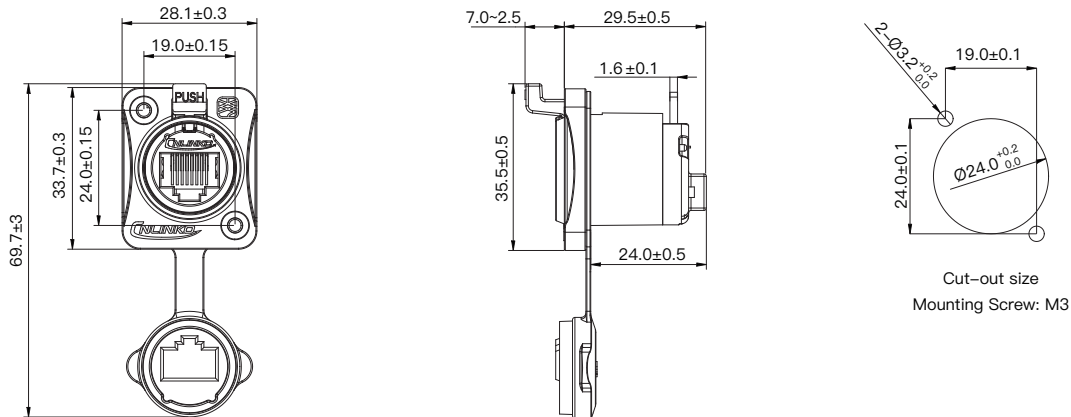
Metal Circularplug Connector YT-RJ45-CPE-10-001/2



Two-hole flange receptacle YT-RJ45-JSX-16-001



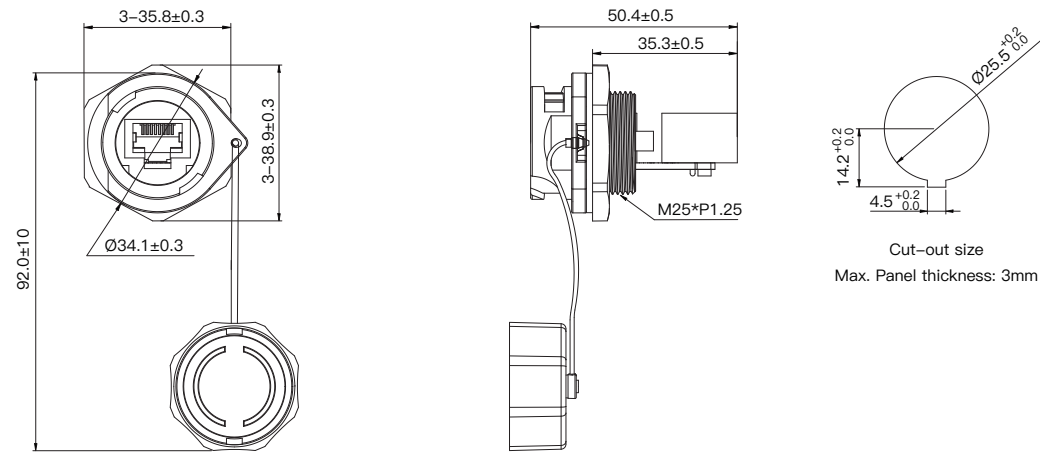
Two-hole flange receptacle YT-RJ45-JSX-17-001



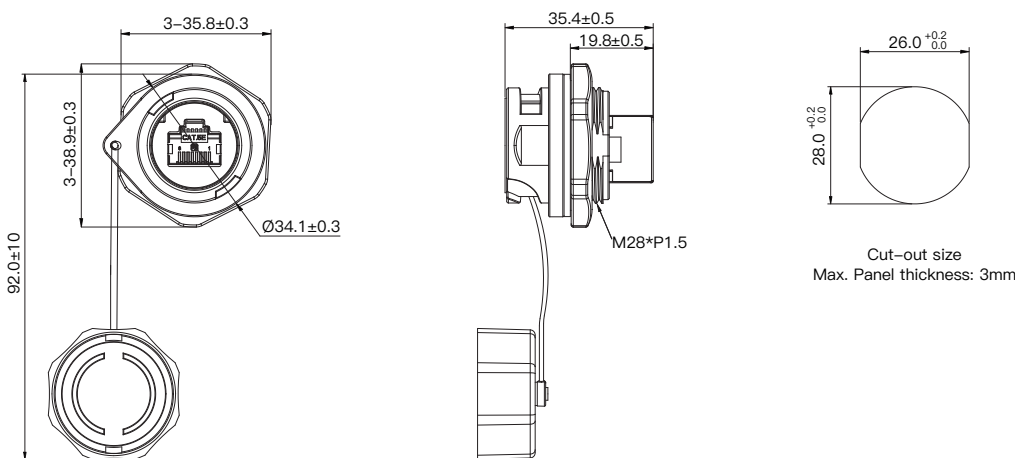
Plastic Circular Connector YT-RJ45-CPE-01-001



Single hole straight receptacle YT-RJ45-JSX-01-001

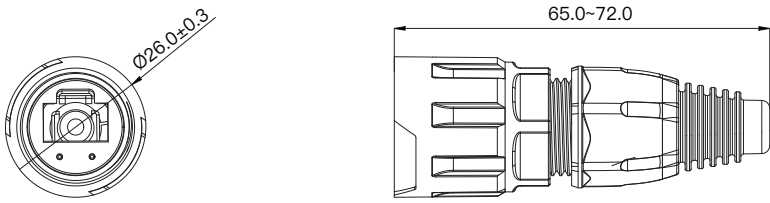


Single hole straight receptacle YT-RJ45-JSX-04-002A

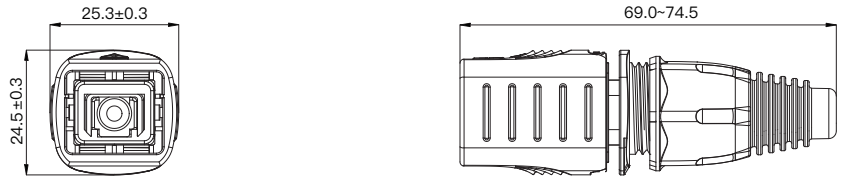


YT-RJ45/YT-USB Dimension Drawing (unit: mm)

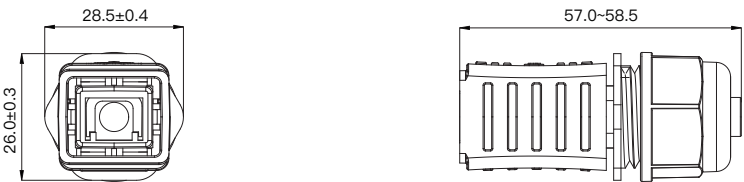
Plastic Circular Connector YT-RJ45-CPE-29-001



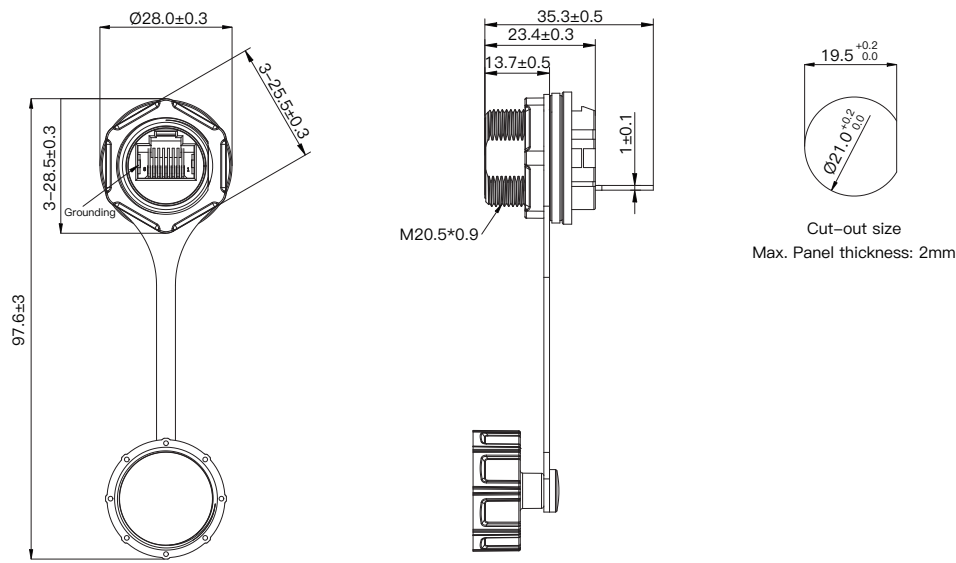
Square Connector YT-RJ45-CPE-05-001



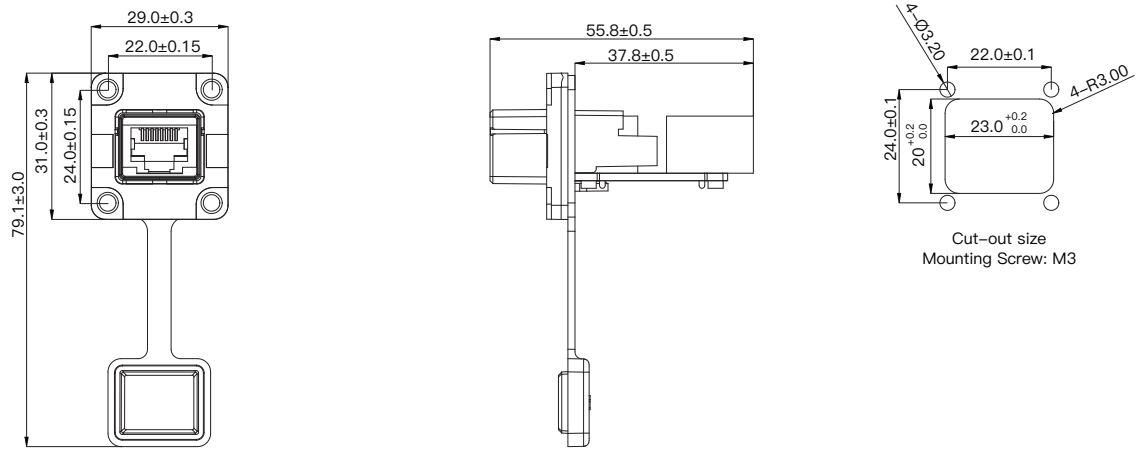
Square Connector YT-RJ45-CPE-03-001



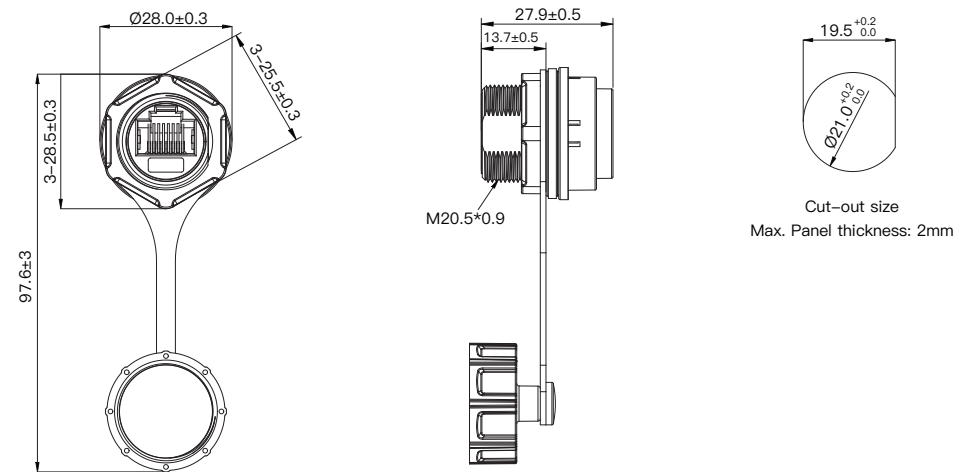
Single hole straight receptacle YT-RJ45-JSX-29-001



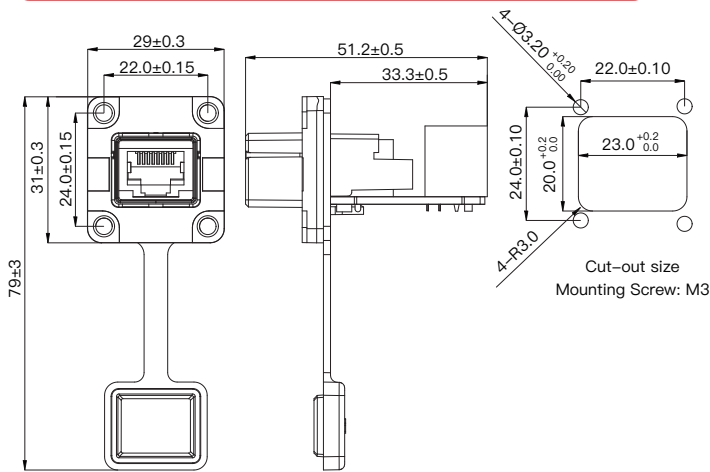
Four-hole flange receptacle YT-RJ45-JSX-02-001



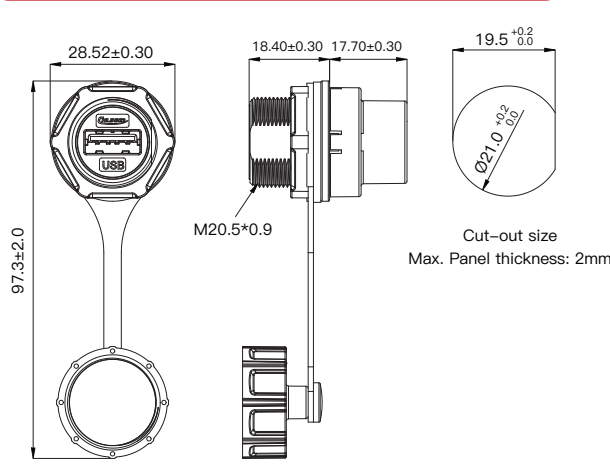
Single hole straight receptacle YT-RJ45-JSX-29-004



Four-hole flange receptacle YT-RJ45-JSX-10-001



USB Single hole straight receptacle YT-USB-JSX-29-003



Manufacturer of Industrial Waterproof Connector With High Reliability



YF SERIES

Dedicated power connector

YF waterproof connector application type



CNLINKO power connectors YF-24 series with national standard , and has designed a unique plug-in locking Using color to distinguish the input and output of the power supply can effectively distinguish the input and output terminals, and with the power coupler, it can be used in external mobile connections at the same time, increasing the flexibility of equipment use;block internal construction design with an integrated plastic shell provides safe and stable connection and transmission performance to ensure that the equipment has stability of electrical properties during the process.

• Series product information:

Series code:	YF- 24
Hole size:	Please refer to the external dimension drawing for detailed hole size.
Application types:	Multi-PIN type: 3 pins The working voltage of the power supply connection can reach 500V, the current rating is 20A, and the input/output connector can be selected.
Material type:	Plastic and metal type

• Introduction:

The product type includes power supply 3 pins. Plastic shell, light weight, good toughness, strong corrosion resistance, using a special 3-pin locking design, easy to operate, safe and stable.

• Main body material, process and surface treatment:

Shell:	Material: engineering plastic	Production process: injection molding
--------	-------------------------------	---------------------------------------

• Module material, process and surface treatment:

Contact:	Material: Male/Female Pin (Copper Alloy)	Production Process: Machining & Stamping
	Surface Treatment: Plated in Silver	
Insulator:	Material: engineering plastic	Production process: injection molding

• Packaging and Storage:

The product is in a sealed bag, with a small box in the large box, and a label on the small box. The label indicates the product name, model, batch number, and number of products. Packaged products are recommended to be stored in a warehouse with an ambient temperature of 25°C±3°C,a relative humidity of ≤75%, and no acidic, alkaline and other corrosive gases in the surrounding air. Other storage environments may affect product life.

• Check the official website YF series area:

Scan the QR code below to check the YF area of CNLINKO's official website. If you have any doubts, you can contact the online customer service for more detailed product information.

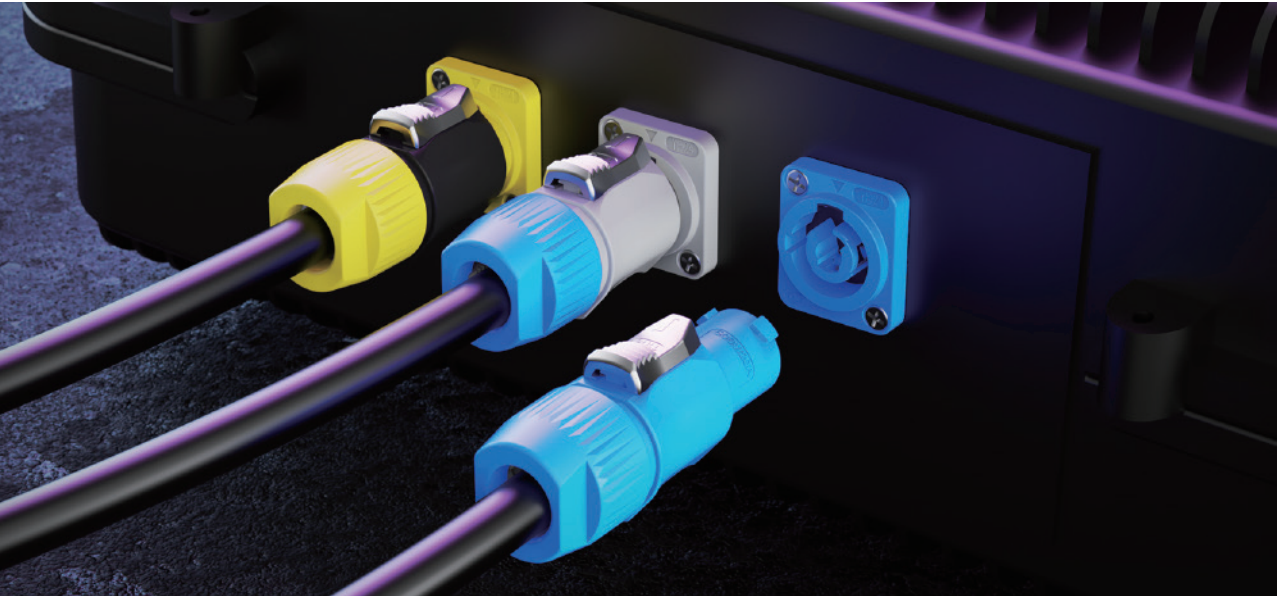


YF Series Overview



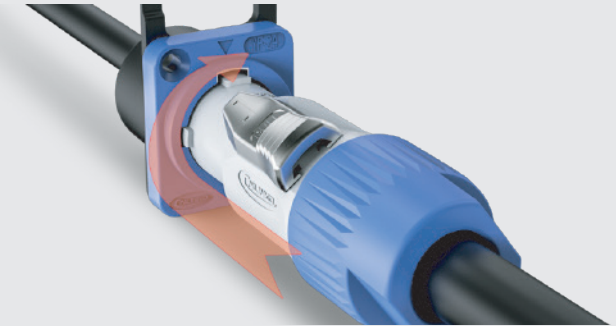
Manufacturer of Industrial Waterproof Connector With High Reliability

Applications



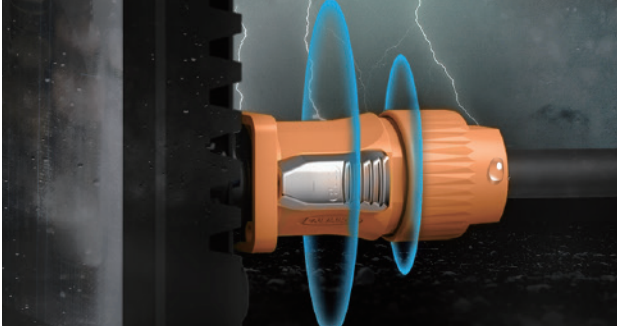
YF-24 series products are used in an automation equipment control box

Features Overview



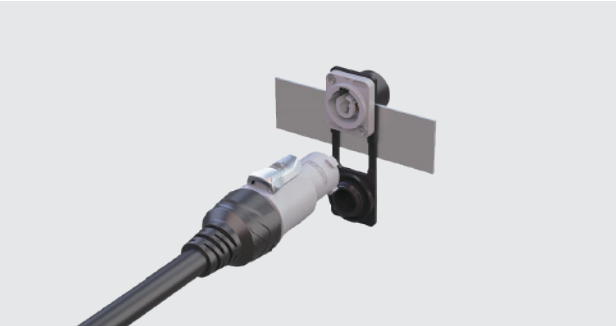
Slotting locking system

The unique snap + plug connection locking system enables the connection more stable.



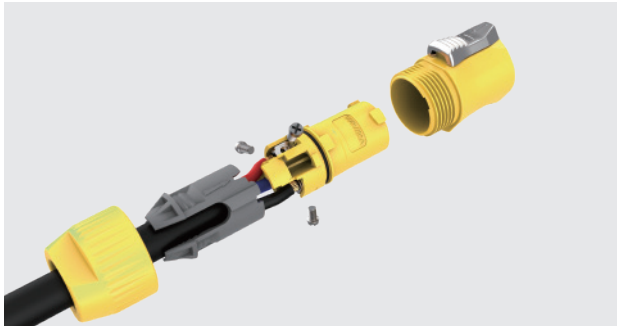
Excellent waterproof performance

The protection level IP65 and IP44 in the connected state, providing good electrical protection performance for the equipment.



Panel mount

Easy to install and adapt to a variety of different usage scenarios.



Wiring

CNLINKO YF-24 waterproof plug adopts locking screw connection method.



Series Infographic



YF-24 Series Information Overview

P173

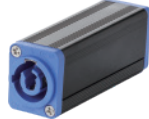
Product application type:	Power: 3 pin	
	Voltage Rating: 500V, Current Rating: 20A, Input/Output connection kits are optional.	
Cable O.D:	Φ5.0~6.8mm, Φ6.8~11.0mm	
Details page:	Product Parameter Map: P173	Dimension Drawing: P174

Main feature:

- Special 3–pin locking device plug–in, pre–adapted to the safety ground wire;
- Using different colors to control input and output, avoiding the possibility of mismatching errors;
- Quick and easy locking system, safe and secure;
- High current capacity 20A/500V;
- The product complies with IP65 and IP44 when mated;
- TUV, UL certification.

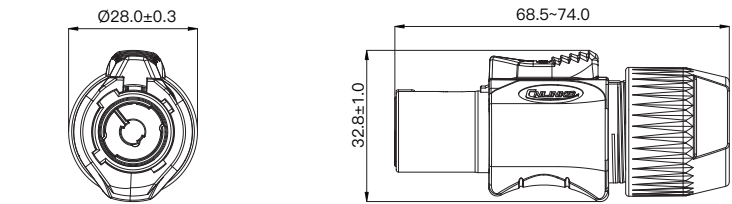
YF-24 Datasheet

YF-24

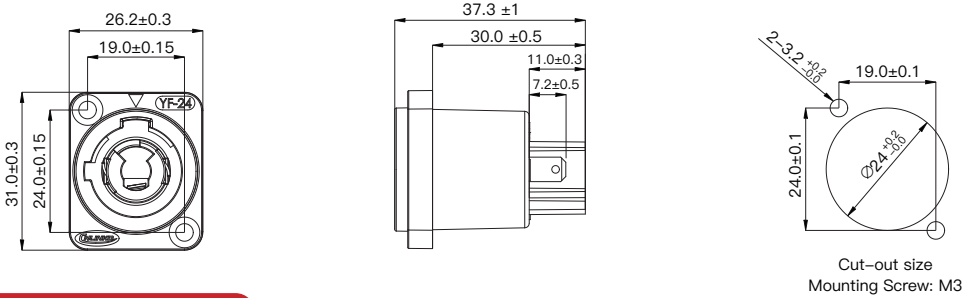
YF24 Power/Signal	Product Series	YF-24		
	Contact Layout			
	Current Rating(A)	20		
	Voltage Rating(V)	500		
	Cable O.D(mm)	φ5.0~ φ6.8 φ6.8~φ11.0 (Configuration Options)		
	Wire Gauge	2.5~4.0mm ² / 14~12AWG		
	Protection Level	IP44 / IP65		
	Terminal Type Other	—		
Plug(multi-color option)				
				
YF-24-J03PE-01-001(IP44 Right) YF-24-J03PE-02-001(IP65 Right)	YF-24-C03PE-01-001(IP44 Left) YF-24-C03PE-02-001(IP65 Left)	YF-24-C03PE-02-002(IP65 Left)	YF-24-J03PE-02-002(IP65 Right)	
Receptacle				
				
YF-24-C03SX-02-001 (IP44 Right)	YF-24-J03SX-02-001(IP44 Left)	YF-24-J03SX-02-002(IP65 Left)	YF-24-C03SX-02-002(IP65 Right)	
Converter				
				
YF-24-J03SX-03-200(IP44)	YF-24-J03SX-01-200(IP44)	YF-24-C03SX-01-200(IP44)	YF-24-J03SX-02-200(IP65)	

YF-24 Dimension Drawing (unit: mm)

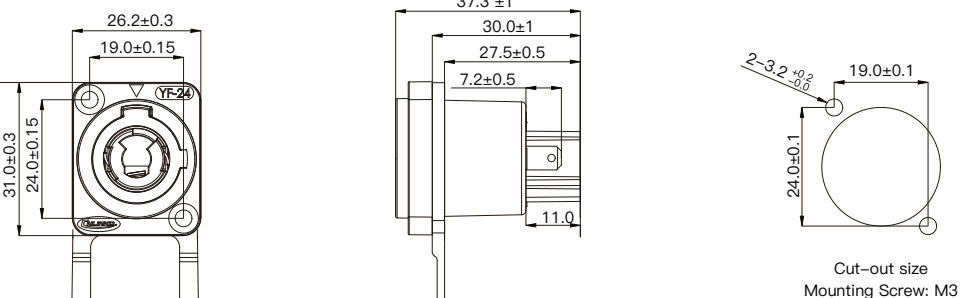
Plug



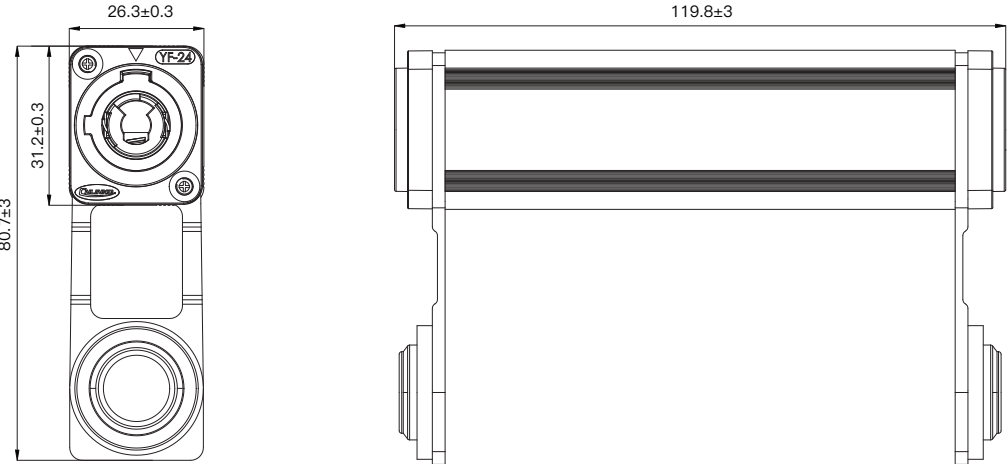
Two-hole flange receptacle



Two-hole flange receptacle



Converter



Manufacturer of Industrial Waterproof Connector With High Reliability



LM SERIES
LM Circular
Cable Assembly

LM12 Cable Assembly Application Types

The CNLINKO LM12 Series cable assembly features a compact design for superior spatial adaptability, effortlessly fitting into tight spaces. Its integrated molding process eliminates wiring needs, significantly simplifying installation. The product comes with a matching socket (assembly type) and offers six subtype options. It is the preferred solution for quick and reliable connections in space-constrained applications.

Series product information:

Series code:	LM12
Hole size:	Please refer to the external dimension drawing for detailed hole size.
Application types:	· Multiple Pin(2, 3, 4, 5 pin 90°&180° cable assembly) · Signal(6, 7, 8, 9, 10, 11, 12 pin 90°&180° cable assembly)
Material type:	Plastic and metal type

Introduction:

The product line includes both power and signal cables. Featuring a compact M12 form factor, they are ideal for confined spaces and dense wiring layouts. As high-quality cable assemblies, they eliminate the need for field wiring, making on-site installation simpler and faster.

Main body material, process and surface treatment:

Shell:	Material: Engineering Plastic/Metal	Surface treatment: Chrome plating / anodizing
	Production Process: Injection Molding & Die Casting & Machining Surface	

Module material, process and surface treatment:

Contact:	Material: Male/Female Pin (Copper Alloy)	Production Process: Machining & Stamping
	Surface Treatment: Plated in Gold	
Insulator:	Material: Engineering Plastic	Production process: injection molding

Packaging and Storage:

The product is in a sealed bag, with a small box in the large box, and a label on the small box. The label indicates the product name, model, batch number, and number of products. Packaged products are recommended to be stored in a warehouse with an ambient temperature of 25°C±3°C,a relative humidity of ≤75%, and no acidic, alkaline and other corrosive gases in the surrounding air. Other storage environments may affect product life.

Check the official website LM12 series area:

Scan the QR code below to check the LM12 area of Cnlinko's official website. If you have any doubts, you can contact the online customer service for more detailed product information.



LM Series Overview



LM Series Installation Guide

Applications



LM12 Series for Medical Diagnostics & Therapy

Features Overview



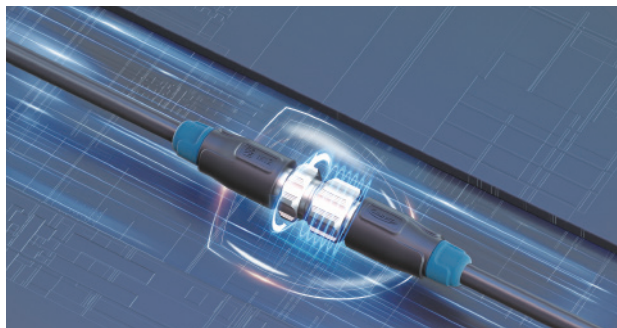
Industrial-Grade Protection

IP65 industrial-grade protection effectively guards against liquids, moisture, dust, and other contaminants in demanding outdoor and industrial environments.



Industrial-Grade Resilience

Withstanding extreme temperatures from -40°C to $+120^{\circ}\text{C}$, it passes salt spray tests of ≥ 72 hours and meets the UL94 V-0 flame-retardant standard, ensuring reliable performance in the most demanding operating conditions.



Secure Threaded Connection

Engineered to prevent loosening, the threaded connection provides a consistently secure and reliable lock.



Hexagonal Rounded Locking Collar

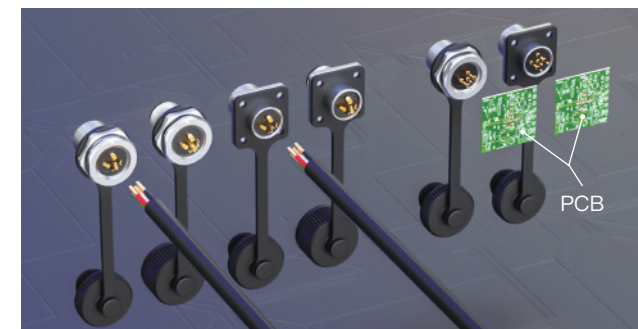
Its locking collar features an ergonomic contour for a secure, non-slip grip by hand, while its geometry also ensures positive engagement with installation tools.

Type and Style



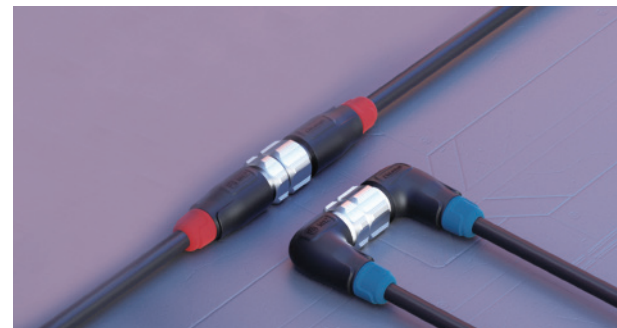
Wiring-Free Premium Cable Assembly

Its one-piece molded design incorporates a fixed cable harness, enabling a wiring-free connection that is both simple and quick to install.



Diverse Socket Options, Flexible Selection

A range of six structurally different socket models is available, enabling users to freely mix and match according to their application requirements.



90° or 180° Orientations

With two distinct body designs (90° and 180°), this product optimizes cable routing and installation in a wide range of environments and confined spaces.

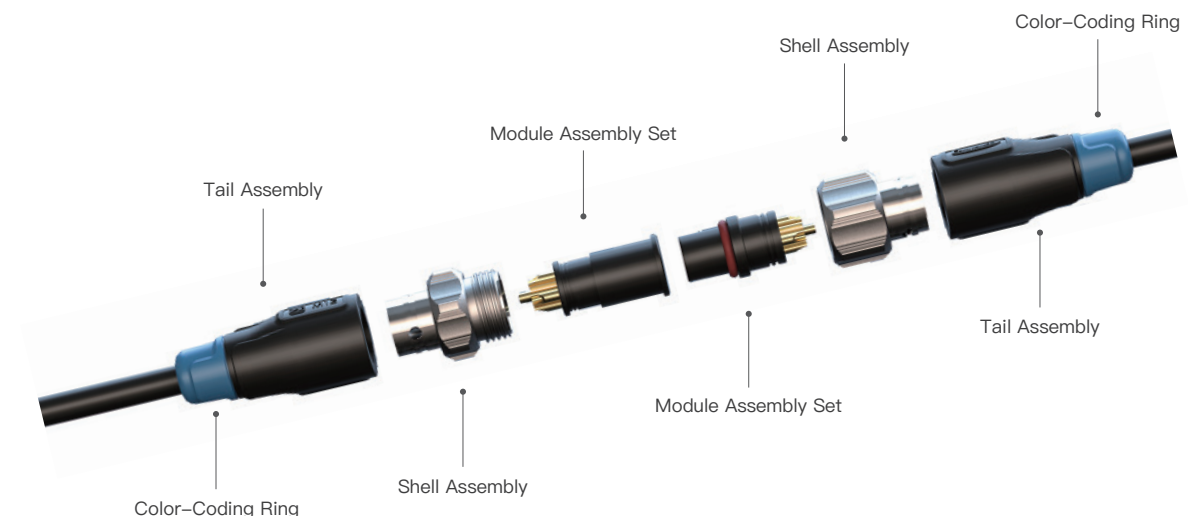


Visual Management for Instant Recognition

For easy visual identification, the silicone boot is available in standard colors (red for 2~5 pin, blue for 6~12 pin) or custom colors like black, green, and yellow to match your required core configuration.

Product Structure Image

Dozens of high-quality parts are precisely engaged to ensure the safety and stability of the connector.



Manufacturer of Industrial Waterproof Connector With High Reliability



Series Infographic



LM12 Series Information Overview		P181
Product application type:	Power: 2, 3, 4, 5 pin	
	Signal: 6, 7, 8, 9, 10, 11, 12 pin	
	Voltage Rating: 250V(2~4 pin), 60V(5 pin), 30V(6~12 pin) Current Rating: 4A(2~5 pin), 3A(6~8 pin), 1.5A(9~12 pin)	
Cable O.D:	Multi-pin type: $\Phi 0.25\sim 0.34\text{mm}^2/22\sim 24\text{AWG}$	
	Multi-pin type: $\Phi 0.25\sim 0.34\text{mm}^2/22\sim 24\text{AWG}(2\sim 5\text{ pin})$, $\Phi 0.25\text{mm}^2/24\text{AWG}(6\sim 8\text{ pin})$, $\Phi 0.14\text{mm}^2/26\text{AWG}(9\sim 12\text{ pin})$	
Details page:	Product Parameter Map: P181	Dimension Drawing: P187

Main feature:

- Integrated over-molding process with pre-attached cable for a wiring-free, hassle-free installation.
- Six socket configurations available to meet diverse needs across multiple application scenarios.
- Compact M12 form factor designed for installation in tight spaces and dense wiring layouts.
- Excellent environmental resistance: withstands extreme temperatures from -40°C to $+120^{\circ}\text{C}$, corrosion (salt spray test $\geq 72\text{ H}$), and high flame retardancy (UL94 V-0 rating).
- Ergonomically designed hexagonal rounded locking collar ensures a secure, non-slip grip during tightening.
- Threaded locking mechanism delivers a robust, reliable connection that resists loosening.
- A-coding for standardized management.



Manufacturer of Industrial Waterproof Connector With High Reliability



LM-12 Datasheet

LM-12

LM12 Power/Signal	Product Series		LM-12																						
	Pin Number		2PIN		3PIN		4PIN		5PIN		6PIN		7PIN		8PIN		9PIN		10PIN		11PIN		12PIN		
	Contact Layout		 Male	 Female	 Male	 Female	 Male	 Female	 Male	 Female	 Male	 Female	 Male		 Female	 Male	 Female	 Male	 Female	 Male	 Female	 Male	 Female	 Male	 Female
	Current Rating(A)		4		4		4		4		3		3		3		1.5		1.5		1.5		1.5		
	Voltage Rating(V)		250		250		250		60		30		30		30		30		30		30		30		
	Cable O.D(mm)		-																						
	Wire Gauge		0.25-0.34mm²/22-24AWG		0.25-0.34mm²/22-24AWG		0.25-0.34mm²/22-24AWG		0.25-0.34mm²/22-24AWG		0.25mm²/24AWG		0.25mm²/24AWG		0.25mm²/24AWG		0.14mm²/26AWG		0.14mm²/26AWG		0.14mm²/26AWG		0.14mm²/26AWG		
	Protection Level		IP65																						
	Terminal Type Other		Soldering																						
Illustration	Material	Part No																							
90° Cable Assembly	Metal	Male + Female	LM12-02-MP-FP-1M-002	LM12-03-MP-FP-1M-002	LM12-04-MP-FP-1M-002	LM12-05-MP-FP-1M-002	LM12-06-MP-FP-1M-xxx	LM12-07-MP-FP-1M-xxx	LM12-08-MP-FP-1M-002	LM12-09-MP-FP-1M-xxx	LM12-10-MP-FP-1M-xxx	LM12-11-MP-FP-1M-xxx	LM12-12-MP-FP-1M-xxx												
		Male + Female	LM12-02-MP-FP-1M-001	LM12-03-MP-FP-1M-001	LM12-04-MP-FP-1M-001	LM12-05-MP-FP-1M-001	LM12-06-MP-FP-1M-xxx	LM12-07-MP-FP-1M-xxx	LM12-08-MP-FP-1M-001	LM12-09-MP-FP-1M-xxx	LM12-10-MP-FP-1M-xxx	LM12-11-MP-FP-1M-xxx	LM12-12-MP-FP-1M-xxx												
180° Cable Assembly		Male	LM-12-C02PE-01-001	LM-12-C03PE-01-001	LM-12-C04PE-01-001	LM-12-C05PE-01-001	LM-12-C06PE-01-0xx	LM-12-C07PE-01-0xx	LM-12-C08PE-01-001	LM-12-C09PE-01-0xx	LM-12-C10PE-01-0xx	LM-12-C11PE-01-0xx	LM-12-C12PE-01-001												
		Female	LM-12-J02PE-01-001	LM-12-J03PE-01-001	LM-12-J04PE-01-001	LM-12-J05PE-01-001	LM-12-J06PE-01-0xx	LM-12-J07PE-01-0xx	LM-12-J08PE-01-001	LM-12-J09PE-01-0xx	LM-12-J10PE-01-0xx	LM-12-J11PE-01-0xx	LM-12-J12PE-01-001												
Single hole straight receptacle		Male	LM-12-C02SX-03-101	LM-12-C03SX-03-101	LM-12-C04SX-03-101	LM-12-C05SX-03-101	LM-12-C06SX-03-1xx	LM-12-C07SX-03-1xx	LM-12-C08SX-03-101	LM-12-C09SX-03-1xx	LM-12-C10SX-03-1xx	LM-12-C11SX-03-1xx	LM-12-C12SX-03-101												
		Female	LM-12-J02SX-03-101	LM-12-J03SX-03-101	LM-12-J04SX-03-101	LM-12-J05SX-03-101	LM-12-J06SX-03-1xx	LM-12-J07SX-03-1xx	LM-12-J08SX-03-101	LM-12-J09SX-03-1xx	LM-12-J10SX-03-1xx	LM-12-J11SX-03-1xx	LM-12-J12SX-03-101												
Single hole straight receptacle (Stacking Tray Height: 5mm)		Male	-	-	-	-	-	-	-	-	-	-	-												
		Female	LM-12-J02SX-03-102	LM-12-J03SX-03-102	LM-12-J04SX-03-102	LM-12-J05SX-03-102	LM-12-J06SX-03-1xx	LM-12-J07SX-03-1xx	LM-12-J08SX-03-102	LM-12-J09SX-03-1xx	LM-12-J10SX-03-1xx	LM-12-J11SX-03-1xx	LM-12-J12SX-03-102												
Single hole straight receptacle (Stacking Tray Height: 2.6mm)		Male	-	-	-	-	-	-	-	-	-	-	-												
		Female	LM-12-J02SX-03-103	LM-12-J03SX-03-103	LM-12-J04SX-03-103	LM-12-J05SX-03-103	LM-12-J06SX-03-1xx	LM-12-J07SX-03-1xx	LM-12-J8SX-03-103	LM-12-J09SX-03-1xx	LM-12-J10SX-03-1xx	LM-12-J11SX-03-1xx	LM-12-J12SX-03-103												

Manufacturer of Industrial Waterproof Connector With High Reliability



 LM-12 Datasheet

LM-12

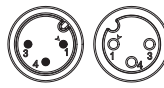
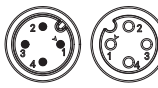
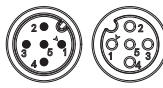
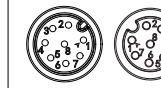
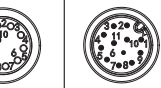
LM12 Power/Signal	Product Series		LM-12																						
	Pin Number		2PIN		3PIN		4PIN		5PIN		6PIN		7PIN		8PIN		9PIN		10PIN		11PIN		12PIN		
	Contact Layout		 Male	 Female	 Male	 Female	 Male	 Female	 Male	 Female	 Male	 Female	 Male		 Female	 Male	 Female	 Male	 Female	 Male	 Female	 Male	 Female	 Male	 Female
	Current Rating(A)		4		4		4		4		3		3		3		1.5		1.5		1.5		1.5		
	Voltage Rating(V)		250		250		250		60		30		30		30		30		30		30		30		
	Cable O.D(mm)		-																						
	Wire Gauge		0.25~0.34mm²/22~24AWG		0.25~0.34mm²/22~24AWG		0.25~0.34mm²/22~24AWG		0.25~0.34mm²/22~24AWG		0.25mm²/24AWG		0.25mm²/24AWG		0.25mm²/24AWG		0.14mm²/26AWG		0.14mm²/26AWG		0.14mm²/26AWG		0.14mm²/26AWG		
	Protection Level		IP65																						
	Terminal Type Other		Soldering																						
Illustration	Material	Part No																							
Four-hole flange receptacle	Metal	Male	LM-12-C02SX-03-401	LM-12-C02SX-03-401	LM-12-C04SX-03-401	LM-12-C05SX-03-401	LM-12-C06SX-03-4xx		LM-12-C07SX-03-4xx		LM-12-C08SX-03-401		LM-12-C09SX-03-4xx		LM-12-C10SX-03-4xx		LM-12-C11SX-03-4xx		LM-12-C12SX-03-401						
		Female	LM-12-J02SX-03-401	LM-12-J02SX-03-401	LM-12-J04SX-03-401	LM-12-J05SX-03-401	LM-12-J06SX-03-4xx		LM-12-J07SX-03-4xx		LM-12-J08SX-03-401		LM-12-J09SX-03-4xx		LM-12-J10SX-03-4xx		LM-12-J11SX-03-4xx		LM-12-J12SX-03-401						
Four-hole flange receptacle (Stacking Tray Height: 3mm)		Male	-	-	-	-	-		-		-		-		-		-		-						
		Female	LM-12-J02SX-03-402	LM-12-J02SX-03-402	LM-12-J04SX-03-402	LM-12-J05SX-03-402	LM-12-J06SX-03-4xx		LM-12-J07SX-03-4xx		LM-12-J08SX-03-402		LM-12-J09SX-03-4xx		LM-12-J10SX-03-4xx		LM-12-J11SX-03-4xx		LM-12-J12SX-03-402						
Four-hole flange receptacle (Copper Alloy)		Male	LM-12-C02SX-03-403	LM-12-C03SX-03-403	LM-12-C04SX-03-403	LM-12-C05SX-03-403	LM-12-C06SX-03-4xx		LM-12-C07SX-03-4xx		LM-12-C08SX-03-403		LM-12-C09SX-03-4xx		LM-12-C10SX-03-4xx		LM-12-C11SX-03-4xx		LM-12-C12SX-03-403						
		Female	LM-12-J02SX-03-403	LM-12-J03SX-03-403	LM-12-J04SX-03-403	LM-12-J05SX-03-403	LM-12-J06SX-03-4xx		LM-12-J07SX-03-4xx		LM-12-J08SX-03-403		LM-12-J09SX-03-4xx		LM-12-J10SX-03-4xx		LM-12-J11SX-03-4xx		LM-12-J12SX-03-403						
4-Pole Flange Socket in Copper Alloy (Stacking Tray Height: 3mm)		Male	-	-	-	-	-		-		-		-		-		-		-						
		Female	LM-12-J02SX-03-404	LM-12-J03SX-03-404	LM-12-J04SX-03-404	LM-12-J05SX-03-404	LM-12-J06SX-03-4xx		LM-12-J07SX-03-4xx		LM-12-J08SX-03-404		LM-12-J09SX-03-4xx		LM-12-J10SX-03-4xx		LM-12-J11SX-03-4xx		LM-12-J12SX-03-404						

Manufacturer of Industrial Waterproof Connector With High Reliability



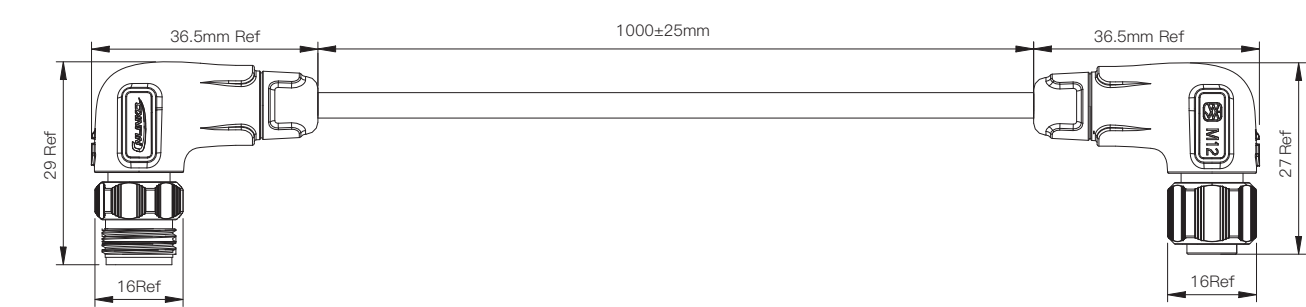
LM-12 Datasheet

LM-12

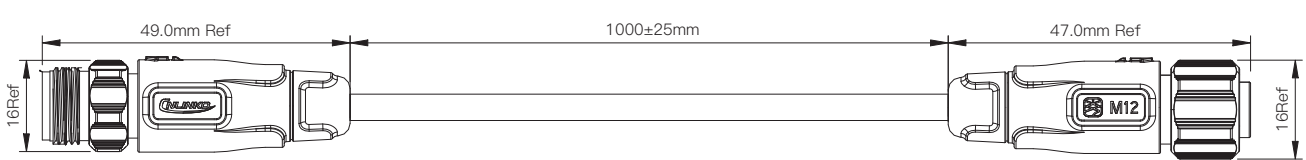
LM12 Power/Signal	Product Series		LM-12																							
	Pin Number		2PIN		3PIN		4PIN		5PIN		6PIN		7PIN		8PIN		9PIN		10PIN		11PIN		12PIN			
	Contact Layout		 Male Female	 Male Female	 Male Female	 Male Female	 Male Female	 Male Female		 Male Female		 Male Female		 Male Female		 Male Female		 Male Female								
	Current Rating(A)		4		4		4		4		3		3		3		1.5		1.5		1.5		1.5			
	Voltage Rating(V)		250		250		250		60		30		30		30		30		30		30		30			
	Cable O.D(mm)		—																							
	Wire Gauge		0.25~0.34mm ² /22~24AWG		0.25~0.34mm ² /22~24AWG		0.25~0.34mm ² /22~24AWG		0.25~0.34mm ² /22~24AWG		0.25mm ² /24AWG		0.25mm ² /24AWG		0.25mm ² /24AWG		0.14mm ² /26AWG		0.14mm ² /26AWG		0.14mm ² /26AWG		0.14mm ² /26AWG			
	Protection Level		IP65																							
	Terminal Type Other		Soldering																							
	Illustration		Material	Part No																						
Single-Hole Plug-In Rubber Cap		Rubber	Male	802-0589-00																				802-0589-00		
			Female	802-0590-00																				802-0590-00		
Protective Cap for 4-Pole Flange Socket (Rubber)			Male	802-0598-00																				802-0598-00		
			Female	802-0597-00																				802-0597-00		

LM-12 Dimension Drawing (unit: mm)

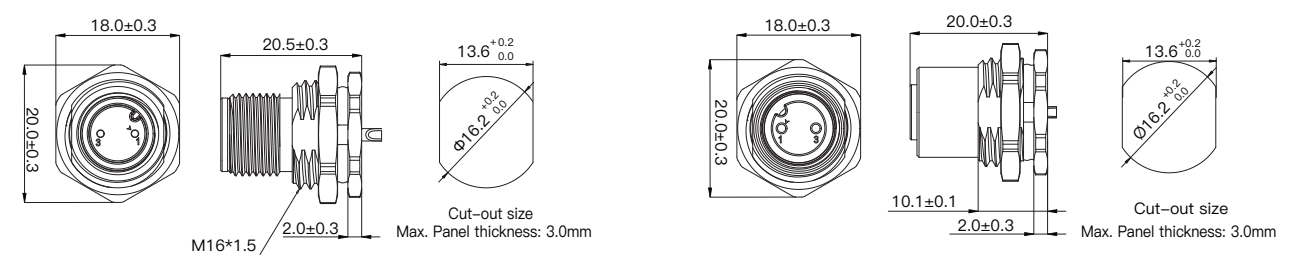
90° Cable Assembly



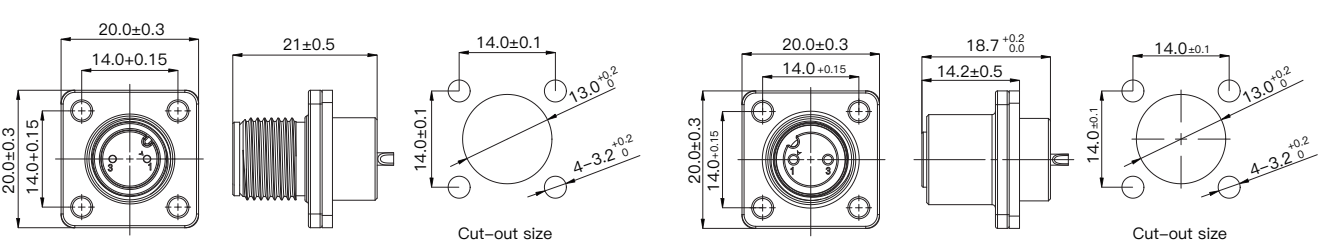
180° Cable Assembly



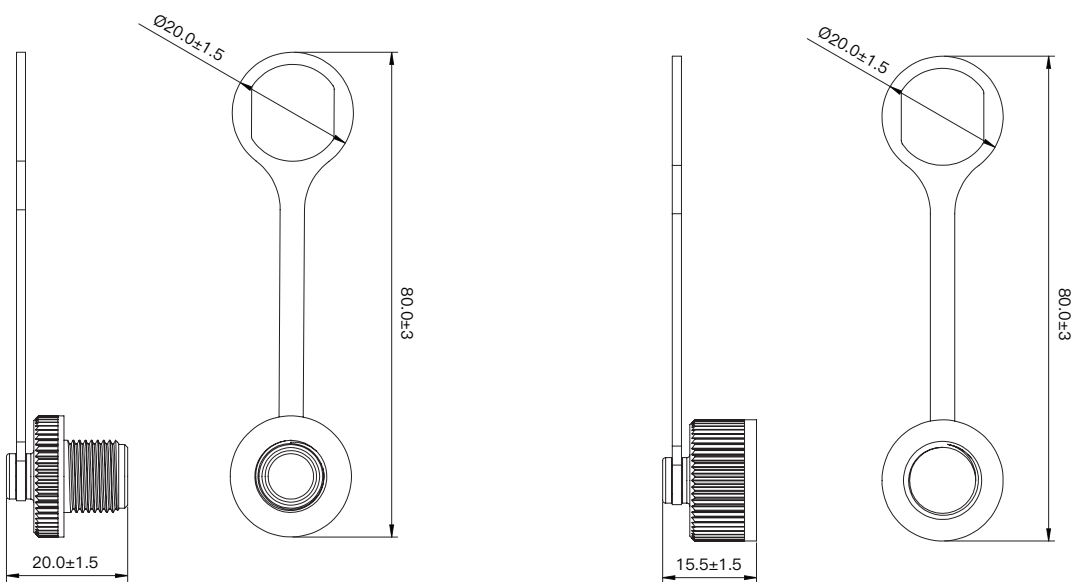
Single hole straight receptacle



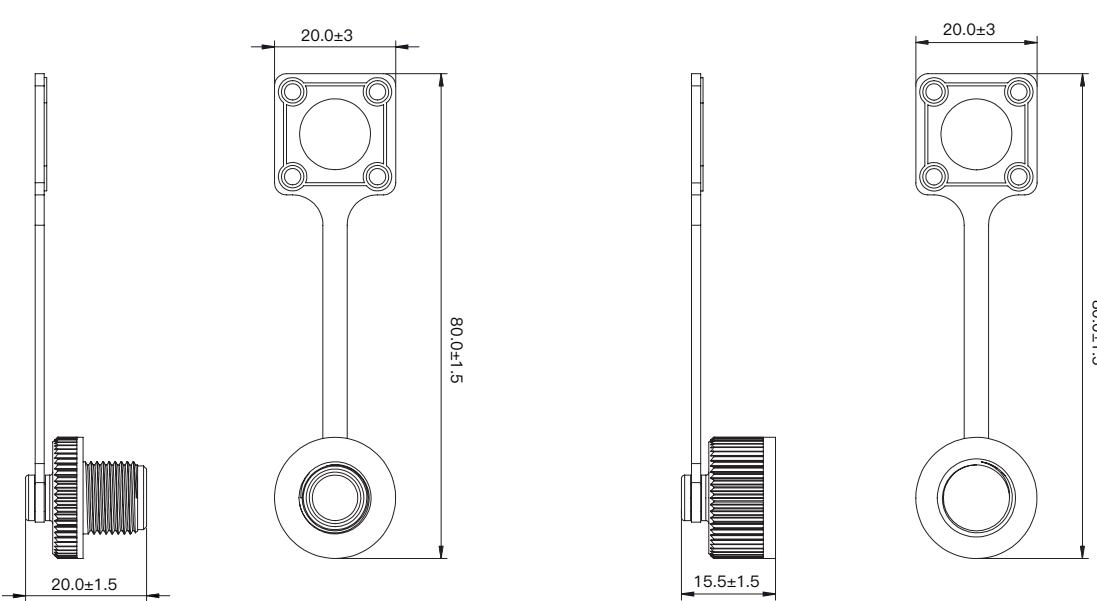
Four-hole flange receptacle



Dust Cap for Single-Port Socke



Dust Cap for 4-Pole Flange Socket



Manufacturer of Industrial Waterproof Connector With High Reliability

Cable Assembly Customization

Manufacturer of Industrial Waterproof Connector with High Reliability



Standard Cable Assemblies

Power/Data/Signal Standard Cable Assemblies		P189
CNLINKO's Products series	LP/YM/DH/BD/LM/YU/YF/YT/DZ/LC/QT Series	
Optional material types	Plastic type, Plastic + Metal type, Metal type	

Custom Cable Assemblies

CNLINKO combines internationally sourced premium cables with our own branded connectors. This allows us to customize cable assemblies to meet your specific requirements. We also provide full engineering design and development based on your specifications to deliver complete solutions. Our flexible and convenient customization process ensures a seamless experience for you.

Application Scenarios & Case Studies for Custom Cable Assemblies(Power)		P201
CNLINKO's Products series	LP/YM/BD/DH/EV/DZ/YA/YZ/YW/YF/LM and scheme development products	
Module type	2/3/4 pin	
Optional cut hole size	M12/M16/M20/M24/M28/M32 and development customization	
Optional material types	Plastic type, Plastic + Metal type, Metal type	
Note	You can choose according to your needs	

Application Scenarios & Case Studies for Custom Cable Assemblies(Data)		P202
CNLINKO's Products series	LP/YM/BD/DH/DZ/YU/YT/LM and scheme development products	
Module type	USB/DAV/Type-C	
Optional cut hole size	M12/M16/M20/M24/M28 and development customization	
Optional material types	Plastic type, Plastic + Metal type, Metal type	
Note	You can choose according to your needs	

Application Scenarios & Case Studies for Custom Cable Assemblies(Power+Signal)		P203
CNLINKO's Products series	LP/YM/BD/DH/EV/DZ/YA/YZ/YW/LM and scheme development products	
Module type	5/6/7/8/9/10/12/14/19/24pin/RJ45/Optical fiber/Hybrid (2+7pin/2+6pin/3+2pin/3+16pin/4+4pin)	
Optional cut hole size	M12/M16/M20/M24/M28/M32 and development customization	
Optional material types	Plastic type, Plastic + Metal type, Metal type	
Note	You can choose according to your needs	

- Explore Cable Assembly Customization — on our official website:
Scan the QR code below to visit the Cable Assembly & Customization section on our official website.
If you have any doubts, you can contact the online customer service for more detailed product information.



Cable Assembly & Customization Zone



Standard Cable Assemblies

Series	LP Series			LP Series	
Description	LP12 2-Pin Male Plug (Plastic, Soldered, 1M Cable) Standard Cable Assembly	LP12 2-Pin Double-Male Plug (Plastic, Soldered,1M Cable) Standard Cable Assembly		LP16 USB Type-C 3.1 Gen2 Cable Male to Male, Plastic Housing, Length 1M	LP16 Type-C 3.1 Gen2 Cable: 4-Port Female Receptacle to Male Plug, Plastic Housing, Length 1M
Current Rating (A)	5	5		5	3
Voltage Rating (V)	125	125		20	20
Part No	LP12-02-MP-E-1M-001	LP12-02-MP-MP-1M-001		LP16-TYPEC-MP-MP-1M-002	LP16-TYPEC-MP-FS-1M-002
Illustration					
Note	Cable assembly solutions are also available in other pin counts	Cable assembly solutions are also available in other pin counts		Cable assembly solutions are also available in other pin counts	Cable assembly solutions are also available in other pin counts
Description	LP16 3-Pin Female Plug with 10A CN 90° Triangular Plug, (Plastic/Metal, Soldered, 2M Cable, CT-04) Standard Cable Assembly	LP16 (CT-08), combining a soldered 3-pin female plug (plastic or metal housing) with a 10A Chinese national standard 180-degree triangular plug, on a 2-meter cable Standard Cable Assembly		LP20 3-Pin Female Plug with 16A CN 90° Triangular Plug, (Plastic/Metal, Soldered, 2M Cable, CT-05) Standard Cable Assembly	LP20 3-Pin Female Plug with 10A International 90° Triangular Plug, (Plastic/Metal, Soldered, 2M Cable, CT-04) Standard Cable Assembly
Current Rating (A)	10	10		16	10
Voltage Rating (V)	250	250		250	250
Part No	LP16-03-FP-E-2M-007	LP16-03-FP-E-2M-010		LP20-03-FP-E-2M-005	LP20-03-FP-E-2M-004
Illustration					
Note	Cable assembly solutions are also available in other pin counts	Cable assembly solutions are also available in other pin counts		Cable assembly solutions are also available in other pin counts	Cable assembly solutions are also available in other pin counts
Description	LP16 2-Pin Male Plug (Plastic, Soldered, 1M Cable) Standard Cable Assembly	LP16 2-Pin Double-Male Plug (Plastic, Soldered, 1M Cable) Standard Cable Assembly		LP20 3-Pin Female Plug with 16A CN 90° Triangular Plug, (Plastic/Metal, Soldered, 2M Cable, CT-05) Standard Cable Assembly	LP20 USB 2.0 Male to Male, Plastic Housing, Length 1M Standard Cable Assembly
Current Rating (A)	10	10		16	2
Voltage Rating (V)	300	300		250	5
Part No	LP16-02-MP-E-1M-001	LP16-02-MP-MP-1M-001		LP20-03-FP-E-2M-005	LP20-USB2-MP-MU-1M-001
Illustration					
Note	Cable assembly solutions are also available in other pin counts	Cable assembly solutions are also available in other pin counts		Cable assembly solutions are also available in other pin counts	Cable assembly solutions are also available in other pin counts

Manufacturer of Industrial Waterproof Connector With High Reliability



Standard Cable Assemblies

Series	LP Series			LP Series	
Description	LP20 USB 3.0 Male to Male, Plastic Housing, Length 1M Standard Cable Assembly	LP20 3-Pin Male Plug with Barrier (Plastic/Metal, 1M Cable) Standard Cable Assembly		LP24 Type Male Plug (Dual Plugs + Cable), L=2M 3840*2160 60Hz (Standard Cable Assembly)	LP24 3-Pin Plastic & Metal Male Plug Cable Assembly, 1-meter length Standard Cable Assembly
Current Rating (A)	2	20		–	25
Voltage Rating (V)	5	300		–	300
Part No	LP20-USB3-MP-MU-1M-001	LP20-03-MP-M-1M-001		LP24-HD-MP-MP-2M-002A	LP24-03-MP-E-1M-001
Illustration					
Note	Cable assembly solutions are also available in other pin counts	Cable assembly solutions are also available in other pin counts		Cable assembly solutions are also available in other pin counts	Cable assembly solutions are also available in other pin counts
Description	LP20 3-Pin Double-Male Plug with Barrier (Plastic/Metal, 1M Cable) Standard Cable Assembly	LP24 USB 3.0 Male to Male, Length 0.5M Standard Cable Assembly		LP Series	YM Series
				LP24 3-Pin Plastic & Metal Male Plug Cable Assembly, 1-meter length Standard Cable Assembly	YM20 3-Pin Dual Male Plug Soldered Plastic Cable Assembly, 1-meter length (180-degree cable exit with internal barrier)
Current Rating (A)	20	2		25	20
Voltage Rating (V)	300	5		300	300
Part No	LP20-03-MP-MP-1M-001	LP24-USB3-MP-MP-0D5M-001		LP24-03-MP-MP-1M-001	YM20-03-MP-MP-1M-001
Illustration					
Note	Cable assembly solutions are also available in other pin counts	Cable assembly solutions are also available in other pin counts		Cable assembly solutions are also available in other pin counts	Cable assembly solutions are also available in other pin counts
Description	LP24 LC to LC, 2-Core Single Mode, Metal Armored, Length 3M Standard Cable Assembly	LP24 Type Single Male Plug + Cable + Male Plug, L=1M_8K_60Hz (Standard Cable Assembly)		YM Series	
				YM20 3-Pin Dual Male Plug Soldered Plastic Cable Assembly, 1-meter length (90-degree cable exit with internal barrier)	YM20 3-Pin Dual Female Socket Soldered Plastic Cable Assembly, 1-meter length (90-degree cable exit with internal barrier).
Current Rating (A)	–	–		20	20
Voltage Rating (V)	–	–		300	300
Part No	LP24-F0-LC-LC-3M-001	LP24-HD-MP-MP-1M-002		YM20-03-FS-FS-1M-001	YM20-03-MP-MP-1M-002
Illustration					
Note	Cable assembly solutions are also available in other pin counts	Cable assembly solutions are also available in other pin counts		Cable assembly solutions are also available in other pin counts	Cable assembly solutions are also available in other pin counts



Standard Cable Assemblies

Series	YM Series			DH Series	
Description	YM20 3–Pin Dual Female Socket Soldered Plastic Cable Assembly, 1–meter length (180–degree cable exit with internal barrier)	YM24 Type Single Male Plug + Cable + Male Plug, L=1M_8K_60Hz (Standard Cable Assembly)		DH24 USB3.0 Male–to–Male Cable Assembly, 1–meter length (Standard Cable Assembly)	DH24 Type Single Male Plug + Cable + Male Plug, L=1M_8K_60Hz (Standard Cable Assembly)
Current Rating (A)	20	–		2	–
Voltage Rating (V)	300	–		5	–
Part No	YM20–03–FS–FS–1M–002	YM24–HD–MP–MP–1M–003		DH24–USB3–MP–MP–1M–001	DH24–HD–MP–MP–1M–003
Illustration					
Note	Cable assembly solutions are also available in other pin counts	Cable assembly solutions are also available in other pin counts		Cable assembly solutions are also available in other pin counts	Cable assembly solutions are also available in other pin counts
Description	YM24 USB3.0 Male–to–Male Cable Assembly, 1–meter length (Standard Cable Assembly)	YM24 Single–Mode Duplex Fiber Optic Cable Assembly, LC/UPC to LP/UPC, 3–meter length, with metal armored jacket (Standard Cable Assembly)		DH24 Single–Mode Duplex LC to LC Fiber Optic Cable Assembly, 3–meter length, with metal armored jacket (Standard Cable Assembly)	DH24 Type Male Plug (Dual Plugs + Cable), L=1M 3840*2160 60Hz (Standard Cable Assembly)
Current Rating (A)	2	–		–	–
Voltage Rating (V)	5	–		–	–
Part No	YM24–USB3–MP–MP–1M–001	YM24–F0–LC–LC–3M–001		DH24–F0–LC–LC–3M–001	DH24–HD–MP–MP–1M–002A
Illustration					
Note	Cable assembly solutions are also available in other pin counts	Cable assembly solutions are also available in other pin counts		Cable assembly solutions are also available in other pin counts	Cable assembly solutions are also available in other pin counts
	DH Series			BD Series	
Description	DH20 3–Pin Male Plug Soldered Metal Cable Assembly, 1–meter length (Standard Cable Assembly)	DH20 3–Pin Dual Male Plug Soldered Metal Cable Assembly, 1–meter length (Standard Cable Assembly)		BD24 Type Male Plug (Metal Version) + Cable + Male Plug, L=1M 3840*2160 60Hz (Standard Cable Assembly)	BD24 USB 3.0 Male–to–Male Cable Assembly with plastic housing, 1–meter length (Standard Cable Assembly)
Current Rating (A)	20	20		–	–
Voltage Rating (V)	300	300		–	–
Part No	DH20–03–MP–E–1M–001	DH20–03–MP–MP–1M–001		BD24–HD–MP–MP–1M–003A	BD24–USB3–MP–MP–1M–001
Illustration					
Note	Cable assembly solutions are also available in other pin counts	Cable assembly solutions are also available in other pin counts		Cable assembly solutions are also available in other pin counts	Cable assembly solutions are also available in other pin counts

Manufacturer of Industrial Waterproof Connector With High Reliability



Standard Cable Assemblies

Series	BD Series	LM Series		YU Series	
Description	BD24 Single-Mode Duplex LC/UPC to LC/UPC Fiber Optic Cable Assembly with metal connector housing, 3-meter length, with metal armored jacket (Standard Cable Assembly)	LM12 2-Core 180-Degree Male Plug to Female Socket Shielded Cable Assembly, soldered termination, PVC cable, 1-meter length (tin-plated copper conductor, standard cable assembly)		USB3.0 Solder-Type SR Receptacle & Plug Connector, 0.3m Length, Standard Cable Assembly	USB3.0 Solder-Type SR Plug to Plug 1m Length, with Tri-Point Latch, Standard Cable Assembly
Current Rating (A)	–	3		2	2
Voltage Rating (V)	–	250		5	5
Part No	BD24-F0-LC-LC-3M-002	LM12-02-MP-FP-1M-001		YU-USB3-FS-MP-0D3M-001	YU-USB3-MP-MU-1M-001
Illustration					
Note	Cable assembly solutions are also available in other pin counts	Cable assembly solutions are also available in other pin counts		Cable assembly solutions are also available in other pin counts	Cable assembly solutions are also available in other pin counts
Series	LM Series	YU Series		YU Series	YF Series
Description	LM12 2-Core 90-Degree Male Plug to Female Socket Shielded Cable Assembly, soldered termination, PVC cable, 1-meter length (tin-plated copper conductor, standard cable assembly).	USB2.0 Cable Assembly with SR Plug to Male Plug, soldered termination, 1-meter length (3-point latching mechanism, standard cable assembly).		USB3.0 Solder-Type SR Receptacle to Plug 1m Length, with Tri-Point Latch, Standard Cable Assembly	YF24 3-Pole Dual-Power Plug (Blue, IP65, Left Exit) with 1m Cable, Standard Assembly
Current Rating (A)	3	2		2	20
Voltage Rating (V)	250	5		5	300
Part No	LM12-02-MP-FP-1M-002	YU-USB2-MP-MU-1M-001		YU-USB3-FS-MU-1M-001	YF24-03-MP-MP-1M-001
Illustration					
Note	Cable assembly solutions are also available in other pin counts	Cable assembly solutions are also available in other pin counts		Cable assembly solutions are also available in other pin counts	Cable assembly solutions are also available in other pin counts
Series	YU Series			YF Series	
Description	USB2.0 Cable Assembly with SR Socket to Male Plug, soldered termination, 1-meter length (single-point latching mechanism, standard cable assembly)	USB3.0 Cable Assembly with Overmolded SR Plug to Male Plug, soldered termination, 1-meter length (Standard Cable Assembly)		YF24 3-Pole Dual-Power Plug (Grey, IP65, Right Exit) with 1m Cable, Standard Assembly	YF24 3-Pole Dual-Power, Plastic, Solder-Type Double Male Plug (Left Exit, IP65, Blue Housing) with 1.2m Cable, Standard Assembly
Current Rating (A)	2	2		20	20
Voltage Rating (V)	5	5		300	300
Part No	YU-USB2-FS-MU-1M-001	YU-USB3-MP-MP-1M-001		YF24-03-MP-MP-1M-002	YF24-03-MP-MP-1D2M-001
Illustration					
Note	Cable assembly solutions are also available in other pin counts	Cable assembly solutions are also available in other pin counts		Cable assembly solutions are also available in other pin counts	Cable assembly solutions are also available in other pin counts

Manufacturer of Industrial Waterproof Connector With High Reliability



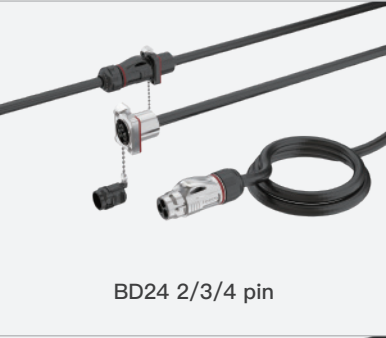
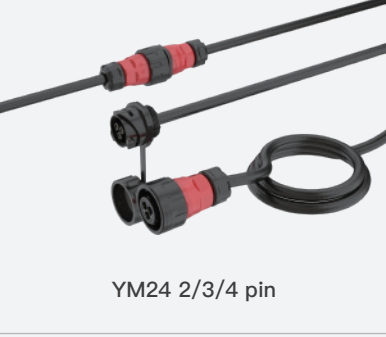
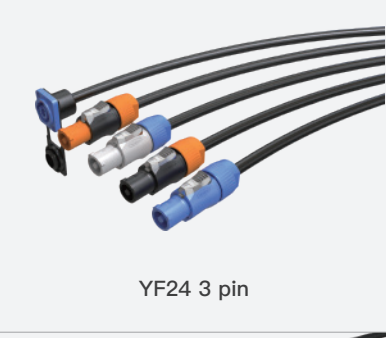
Standard Cable Assemblies

Series	YF Series	YT Series		YU Series	
Description	YF24 3–Pole Dual–Power, Plastic, Solder–Type Double Female Plug (Right Exit, IP65, Grey Housing) with 1.2m Cable, Standard Assembly	RJ45 Generation III Snap–lock Waterproof Double Plug with CAT5E Cable, 1m Length (Standard Cable Assembly)		DZ24 Single–mode Duplex Fiber Optic Cable, Metal LC (UPC) Male to LC (UPC) Plug, 3m Length, Metal Armored (Standard Cable Assembly)	DZ24 Type Male Plug (Metal Version) + Cable + Male Plug, L=2M 3840*2160 60Hz
Current Rating (A)	20	–		–	–
Voltage Rating (V)	300	–		–	–
Part No	YF24–03–FP–FP–1D2M–001	YT–RJ45–MP–MP–1M–001		DZ24–F0–LC–LC–3M–001	DZ24–HD–MP–MHD–2M–001
Illustration					
Note	Cable assembly solutions are also available in other pin counts	Cable assembly solutions are also available in other pin counts		Cable assembly solutions are also available in other pin counts	Cable assembly solutions are also available in other pin counts
Series	YU Series			DZ Series	QT Series
Description	RJ45–02 Generation II Metal Double Plug with CAT5E Cable, 1m Length (Standard Cable Assembly)	RJ45 SR Receptacle to Plug with 0.5m Cable Standard Cable Assembly		DZ24 USB3.0 Metal Male to Male Plug with 1m Cable (Standard Cable Assembly)	AOC (Dual Plugs + Cable), L=1M 8K*4K@60Hz (Standard Cable Assembly)
Current Rating (A)	–	–		2	–
Voltage Rating (V)	–	–		5	–
Part No	YT–RJ45–MP–MP–1M–002	YT–RJ45–FS–MRJ–0D5M–001		DZ24–USB3–MP–MU–1M–001	QT–HD–MP–MP–1M–001
Illustration					
Note	Cable assembly solutions are also available in other pin counts	Cable assembly solutions are also available in other pin counts		Cable assembly solutions are also available in other pin counts	Cable assembly solutions are also available in other pin counts

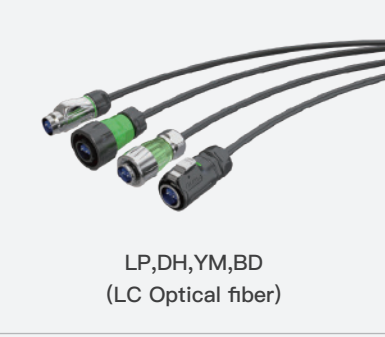
Manufacturer of Industrial Waterproof Connector With High Reliability



The Application case of Cable Assemblies (Power)

 LP20 2/3/4 pin	Application: Solar photovoltaic, new energy storage <table><tr><td>WVDC: 500V/AC, RC: 20A</td><td>Applicable wire diameter: Φ9.0~13.0mm</td></tr><tr><td>Waterproof level: IP68/IPX9K</td><td>Flame retardant level: VW-1/UL94V-0</td></tr><tr><td colspan="2">Connection method:Soldering/Screwing (optional)</td></tr><tr><td colspan="2">Wires conform to 3C, CQC, UL, VDE certification</td></tr><tr><td colspan="2">Product advantages:It adopts spring snap-type locking connection, which has the characteristics of cold resistance, high temperature resistance and waterproof function.</td></tr></table>	WVDC: 500V/AC, RC: 20A	Applicable wire diameter: Φ9.0~13.0mm	Waterproof level: IP68/IPX9K	Flame retardant level: VW-1/UL94V-0	Connection method:Soldering/Screwing (optional)		Wires conform to 3C, CQC, UL, VDE certification		Product advantages:It adopts spring snap-type locking connection, which has the characteristics of cold resistance, high temperature resistance and waterproof function.			
WVDC: 500V/AC, RC: 20A	Applicable wire diameter: Φ9.0~13.0mm												
Waterproof level: IP68/IPX9K	Flame retardant level: VW-1/UL94V-0												
Connection method:Soldering/Screwing (optional)													
Wires conform to 3C, CQC, UL, VDE certification													
Product advantages:It adopts spring snap-type locking connection, which has the characteristics of cold resistance, high temperature resistance and waterproof function.													
 BD24 2/3/4 pin	Application: Security equipment, communication equipment, industrial robots <table><tr><td>WVDC: 500V/AC,RC: 25A</td><td>Applicable wire diameter: Φ10.0~14.0mm</td></tr><tr><td>Waterproof level: IP68/IPX9K</td><td>Flame retardant level: VW-1/UL94V-0</td></tr><tr><td colspan="2">Structure: metal/plastic (optional)</td></tr><tr><td colspan="2">Connection method:Soldering/Screwing (optional)</td></tr><tr><td colspan="2">Wires conform to 3C, CQC, UL, VDE certification</td></tr><tr><td colspan="2">Product advantages: Featuring a snap-lock connection design, it provides excellent resistance to cold, high temperatures, corrosion, and is fully waterproof.</td></tr></table>	WVDC: 500V/AC,RC: 25A	Applicable wire diameter: Φ10.0~14.0mm	Waterproof level: IP68/IPX9K	Flame retardant level: VW-1/UL94V-0	Structure: metal/plastic (optional)		Connection method:Soldering/Screwing (optional)		Wires conform to 3C, CQC, UL, VDE certification		Product advantages: Featuring a snap-lock connection design, it provides excellent resistance to cold, high temperatures, corrosion, and is fully waterproof.	
WVDC: 500V/AC,RC: 25A	Applicable wire diameter: Φ10.0~14.0mm												
Waterproof level: IP68/IPX9K	Flame retardant level: VW-1/UL94V-0												
Structure: metal/plastic (optional)													
Connection method:Soldering/Screwing (optional)													
Wires conform to 3C, CQC, UL, VDE certification													
Product advantages: Featuring a snap-lock connection design, it provides excellent resistance to cold, high temperatures, corrosion, and is fully waterproof.													
 YM24 2/3/4 pin	Application: Ships, intelligent storage, re ghting equipment, medical equipment, Intelligent storage <table><tr><td>WVDC: 500V/AC,RC: 25A</td><td>Applicable wire diameter: Φ10.0~14.0mm</td></tr><tr><td>Waterproof level: IP68/IPX9K</td><td>Flame retardant level: VW-1/UL94V-0</td></tr><tr><td colspan="2">Connection method:Soldering/Screwing (optional)</td></tr><tr><td colspan="2">Wires conform to 3C, CQC, UL, VDE certification</td></tr><tr><td colspan="2">Product advantages: Featuring a bayonet-style nut locking connection, it provides flame retardancy, UV resistance, corrosion resistance, cold resistance, high-temperature resistance, and waterproof performance.</td></tr></table>	WVDC: 500V/AC,RC: 25A	Applicable wire diameter: Φ10.0~14.0mm	Waterproof level: IP68/IPX9K	Flame retardant level: VW-1/UL94V-0	Connection method:Soldering/Screwing (optional)		Wires conform to 3C, CQC, UL, VDE certification		Product advantages: Featuring a bayonet-style nut locking connection, it provides flame retardancy, UV resistance, corrosion resistance, cold resistance, high-temperature resistance, and waterproof performance.			
WVDC: 500V/AC,RC: 25A	Applicable wire diameter: Φ10.0~14.0mm												
Waterproof level: IP68/IPX9K	Flame retardant level: VW-1/UL94V-0												
Connection method:Soldering/Screwing (optional)													
Wires conform to 3C, CQC, UL, VDE certification													
Product advantages: Featuring a bayonet-style nut locking connection, it provides flame retardancy, UV resistance, corrosion resistance, cold resistance, high-temperature resistance, and waterproof performance.													
 YF24 3 pin	Application: LED display, stage lighting, audio equipment <table><tr><td>WVDC: 500V/AC, RC: 20A</td><td>Applicable wire diameter: Φ9.0~14.0mm</td></tr><tr><td>Waterproof level: IP44/IP65</td><td>Flame retardant level: VW-1/UL94V-0</td></tr><tr><td colspan="2">Connection method:Soldering/Screwing (optional)</td></tr><tr><td colspan="2">Wires conform to 3C, CQC, UL, VDE certification</td></tr><tr><td colspan="2">Product advantages: Featuring a unique snap-lock and push-pull latching mechanism, it offers excellent flame retardancy, UV resistance, vibration resistance, cold resistance, high-temperature resistance, corrosion resistance, superior insulation, as well as dustproof and waterproof performance.</td></tr></table>	WVDC: 500V/AC, RC: 20A	Applicable wire diameter: Φ9.0~14.0mm	Waterproof level: IP44/IP65	Flame retardant level: VW-1/UL94V-0	Connection method:Soldering/Screwing (optional)		Wires conform to 3C, CQC, UL, VDE certification		Product advantages: Featuring a unique snap-lock and push-pull latching mechanism, it offers excellent flame retardancy, UV resistance, vibration resistance, cold resistance, high-temperature resistance, corrosion resistance, superior insulation, as well as dustproof and waterproof performance.			
WVDC: 500V/AC, RC: 20A	Applicable wire diameter: Φ9.0~14.0mm												
Waterproof level: IP44/IP65	Flame retardant level: VW-1/UL94V-0												
Connection method:Soldering/Screwing (optional)													
Wires conform to 3C, CQC, UL, VDE certification													
Product advantages: Featuring a unique snap-lock and push-pull latching mechanism, it offers excellent flame retardancy, UV resistance, vibration resistance, cold resistance, high-temperature resistance, corrosion resistance, superior insulation, as well as dustproof and waterproof performance.													
 DH20 2/3/4 pin	Application: Industrial and mining, Mechanical, electromechanical equipment <table><tr><td>WVDC: 500V/AC, RC: 20A</td><td>Applicable wire diameter: Φ9.0~13.0mm</td></tr><tr><td>Waterproof level: IP68/IPX9K</td><td>Flame retardant level: VW-1/UL94V-0</td></tr><tr><td colspan="2">Connection method:Soldering/Screwing (optional)</td></tr><tr><td colspan="2">Wires conform to 3C, CQC, UL, VDE certification</td></tr><tr><td colspan="2">Product advantages: Featuring an industrial-grade tri-point screw-type locking connection with an alloy housing, it effectively reduces electromagnetic and RF signal interference from external high currents, while providing waterproof and shock-resistant performance.</td></tr></table>	WVDC: 500V/AC, RC: 20A	Applicable wire diameter: Φ9.0~13.0mm	Waterproof level: IP68/IPX9K	Flame retardant level: VW-1/UL94V-0	Connection method:Soldering/Screwing (optional)		Wires conform to 3C, CQC, UL, VDE certification		Product advantages: Featuring an industrial-grade tri-point screw-type locking connection with an alloy housing, it effectively reduces electromagnetic and RF signal interference from external high currents, while providing waterproof and shock-resistant performance.			
WVDC: 500V/AC, RC: 20A	Applicable wire diameter: Φ9.0~13.0mm												
Waterproof level: IP68/IPX9K	Flame retardant level: VW-1/UL94V-0												
Connection method:Soldering/Screwing (optional)													
Wires conform to 3C, CQC, UL, VDE certification													
Product advantages: Featuring an industrial-grade tri-point screw-type locking connection with an alloy housing, it effectively reduces electromagnetic and RF signal interference from external high currents, while providing waterproof and shock-resistant performance.													

The Application case of Cable Assemblies (Data/Signal)

 LP,DH,YM,YU,BD (USB2.0/3.0,Type-C 3.1)	Application: Communication, testing, industrial control and automation equipment, photographic equipment <table><tr><td>Waterproof level: IP67/IP68/IPX9K</td><td>Flame retardant level: VW-1/UL94V-0</td></tr><tr><td>Temperature resistance level: -40~105°C</td><td>Withstand voltage: 100V/AC</td></tr><tr><td>Contact resistance: 30mΩ/Max</td><td>Wires comply with UL2725, UL20276 certification</td></tr><tr><td colspan="2">Complies with USB Association EMI requirements</td></tr><tr><td colspan="2">The transfer rate meets the USB2.0/USB3.0/Type-C Gen1/Gen2 standard</td></tr></table>	Waterproof level: IP67/IP68/IPX9K	Flame retardant level: VW-1/UL94V-0	Temperature resistance level: -40~105°C	Withstand voltage: 100V/AC	Contact resistance: 30mΩ/Max	Wires comply with UL2725, UL20276 certification	Complies with USB Association EMI requirements		The transfer rate meets the USB2.0/USB3.0/Type-C Gen1/Gen2 standard	
Waterproof level: IP67/IP68/IPX9K	Flame retardant level: VW-1/UL94V-0										
Temperature resistance level: -40~105°C	Withstand voltage: 100V/AC										
Contact resistance: 30mΩ/Max	Wires comply with UL2725, UL20276 certification										
Complies with USB Association EMI requirements											
The transfer rate meets the USB2.0/USB3.0/Type-C Gen1/Gen2 standard											
 LP,DH,YM,YT,BD (RJ45)	Application: LED display, robotics, communication and electronic equipment <table><tr><td>Waterproof level: IP67/IP68/IPX9K</td><td>Flame retardant level: VW-1/UL94V-0</td></tr><tr><td colspan="2">Temperature resistance level: -40~105°C</td></tr><tr><td colspan="2">Compliant with T568A and T568B line sequence</td></tr><tr><td colspan="2">Wires comply with UL2835 certification</td></tr><tr><td colspan="2">The wire specification meets the transmission standard of Super Category 5, which is Cat5/Cat-5e/Cat6, multi-strand copper wire is twisted, and the signal transmission is more stable</td></tr></table>	Waterproof level: IP67/IP68/IPX9K	Flame retardant level: VW-1/UL94V-0	Temperature resistance level: -40~105°C		Compliant with T568A and T568B line sequence		Wires comply with UL2835 certification		The wire specification meets the transmission standard of Super Category 5, which is Cat5/Cat-5e/Cat6, multi-strand copper wire is twisted, and the signal transmission is more stable	
Waterproof level: IP67/IP68/IPX9K	Flame retardant level: VW-1/UL94V-0										
Temperature resistance level: -40~105°C											
Compliant with T568A and T568B line sequence											
Wires comply with UL2835 certification											
The wire specification meets the transmission standard of Super Category 5, which is Cat5/Cat-5e/Cat6, multi-strand copper wire is twisted, and the signal transmission is more stable											
 LP,DH,YM,BD (LC Optical fiber)	Application: Communication and switch equipment, computer room <table><tr><td>Waterproof level: IP68/IPX9K</td><td>Flame retardant level: VW-1/UL94V-0</td></tr><tr><td colspan="2">Temperature resistance level: -40~105°C</td></tr><tr><td colspan="2">The wire has metal armor, the material is SUS304, which is anti-pulling and bending preventing it from being bitten by animals</td></tr><tr><td colspan="2">Mainly used in outdoor connection applications, the rugged PU jacket and single mode APC armored construction cable provides 1 Gigabit/s data transmission in high bandwidth applications.</td></tr></table>	Waterproof level: IP68/IPX9K	Flame retardant level: VW-1/UL94V-0	Temperature resistance level: -40~105°C		The wire has metal armor, the material is SUS304, which is anti-pulling and bending preventing it from being bitten by animals		Mainly used in outdoor connection applications, the rugged PU jacket and single mode APC armored construction cable provides 1 Gigabit/s data transmission in high bandwidth applications.			
Waterproof level: IP68/IPX9K	Flame retardant level: VW-1/UL94V-0										
Temperature resistance level: -40~105°C											
The wire has metal armor, the material is SUS304, which is anti-pulling and bending preventing it from being bitten by animals											
Mainly used in outdoor connection applications, the rugged PU jacket and single mode APC armored construction cable provides 1 Gigabit/s data transmission in high bandwidth applications.											
 LP,DH,YM,BD (DAV)	Application: Videophone, multimedia, audiovisual and monitoring equipment <table><tr><td>Waterproof level: IP68/IPX9K</td><td>Flame retardant level: VW-1/UL94V-0</td></tr><tr><td>Temperature resistance level: -40~105°C</td><td>Support DAV2.0(4K*2K 60Hz),DAV2.1 (8K*4K 120Hz) HD video transmission</td></tr><tr><td colspan="2">Wires meet UL certification</td></tr><tr><td colspan="2">The DAV2.1 wire has metal armor, the material is SUS304, which is anti-pulling and bending, preventing it from being bitten by animals and its length up to 300M.</td></tr></table>	Waterproof level: IP68/IPX9K	Flame retardant level: VW-1/UL94V-0	Temperature resistance level: -40~105°C	Support DAV2.0(4K*2K 60Hz),DAV2.1 (8K*4K 120Hz) HD video transmission	Wires meet UL certification		The DAV2.1 wire has metal armor, the material is SUS304, which is anti-pulling and bending, preventing it from being bitten by animals and its length up to 300M.			
Waterproof level: IP68/IPX9K	Flame retardant level: VW-1/UL94V-0										
Temperature resistance level: -40~105°C	Support DAV2.0(4K*2K 60Hz),DAV2.1 (8K*4K 120Hz) HD video transmission										
Wires meet UL certification											
The DAV2.1 wire has metal armor, the material is SUS304, which is anti-pulling and bending, preventing it from being bitten by animals and its length up to 300M.											
 LP,DH,YM,BD (Multi-Pin 5~24 Pin)	Application: GPS positioning system, remote monitoring, ECT,and communication equipment <table><tr><td colspan="2">Waterproof level: IP68/IPX9K</td></tr><tr><td colspan="2">Flame retardant level: VW-1/UL94V-0</td></tr><tr><td colspan="2">Temperature resistance level: -40~105°C</td></tr><tr><td colspan="2">Wires comply with UL, 3C certification</td></tr></table>	Waterproof level: IP68/IPX9K		Flame retardant level: VW-1/UL94V-0		Temperature resistance level: -40~105°C		Wires comply with UL, 3C certification			
Waterproof level: IP68/IPX9K											
Flame retardant level: VW-1/UL94V-0											
Temperature resistance level: -40~105°C											
Wires comply with UL, 3C certification											

Manufacturer of Industrial Waterproof Connector With High Reliability



The Application case of Cable Assemblies (Power+Signal)

 LC20	Application: LED DISPLAY Power interface:Rated current 20A,Operating voltage 500V/AC,Contact resistance<1mΩ Signal interface:Rated current 5A,Operating voltage 400V/AC,Contact resistance<5mΩ Waterproof level: IP44 Plug durability: 2000Cycles Flame retardant level: VW-1/UL94V-0 Temperature resistance level: -40~105°C Wire comply with UL, 3C certification
 LP28	Application: New energy Rated current 1.2A, working voltage 42V/AC, Contact resistance < 40mΩ Waterproof level: IP68/IPX9K Plug durability: 2000Cycles Flame retardant level: VW-1/UL94V-0 Temperature resistance level: -40~85°C Wire comply with UL certification
 DH24(4+4)	Application: Mechanical equipment Rated current 20A+5A, working voltage 400V/AC, Contact resistance < 5mΩ Waterproof level: IP68/IPX9K Plug durability: 2000Cycles Flame retardant level: VW-1/UL94V-0 Temperature resistance level: -40~85°C Wire comply with UL certification
 LP20(2+6)	Application: Medical equipment, photographic equipment, garden machinery Rated current 25A (power) + 2A (signal), Working voltage 300V/AC, Contact resistance < 10mΩ Waterproof level: IP68/IPX9K Temperature Rise<30K Plug durability: 2000Cycles Flame retardant level: VW-1/UL94V-0 Temperature resistance level: -40~80°C Wire comply with UL certification
 LM12 2/3/4/5/6/7/8/9/11/12 Pin	Application: PLC/Precision Instrument Control/Servo Drives Rated current 3A,Working voltage 300V/AC, Contact resistance<5mΩ Waterproof level: IP65 Temperature Rise<30K Plug durability: 2000Cycles Flame retardant level: VW-1/UL94V-0 Temperature resistance level: -40~105°C Wire comply with UL certification

For more application-specific customization needs, please visit our website: www.cnlinko.com
Please contact our online customer service,you will get professional and one-stop customized service

Waterproof Connector Cable Assemblies Professional Customization Services

CNLINKO with keen insight into market trends, has proactively established a dedicated business for the professional customization of waterproof industrial connector harnesses. Leveraging our specialized product development team and flexible, scalable, and intelligent production capabilities, we are now positioned to promptly respond to large-volume custom orders. We provide efficient, satisfactory, and professional harness customization services, delivering highly compatible and specialized connectivity solutions for a broader range of industries and application scenarios.

