

YT RJ45 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)	Treatment: Gold plated over nickel
	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℃ ± 3℃, a relative humidity of ≤72%, and no acidic, alkaline and other corrosive gases in the surrounding air. Other storage environments may affect product life.

• Check the official website YT-RJ45 series area:

Scan the QR code below to check the YT-RJ45 area of CNLINKO's official website. If you have any doubts, you can contact the online customer service for more detailed product information.

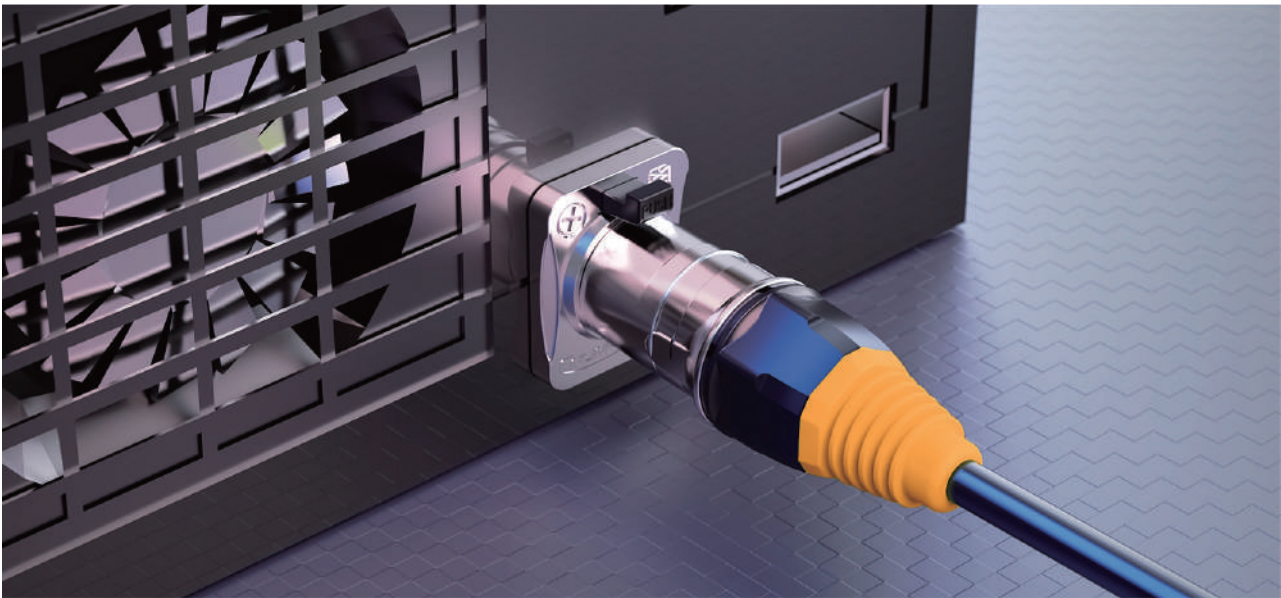


QR code of YT-RJ45 series

YT · RJ45

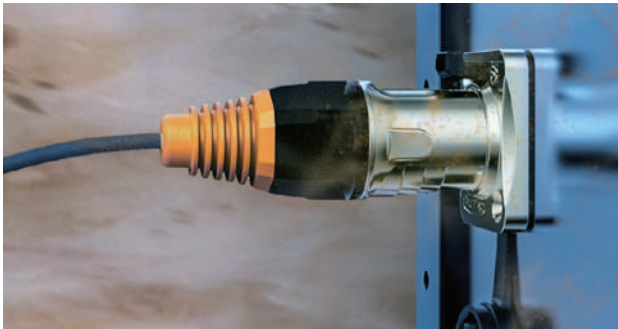
YT · RJ45

Applications



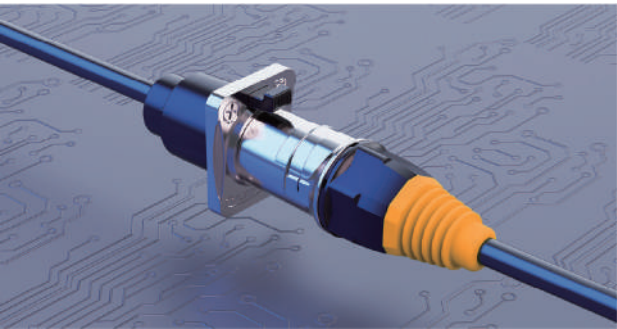
YT-RJ45 series products are used in a certain equipment information control box

Features Overview



Excellent waterproof/dustproof performance

The protection level of YT series can reach IP65 when connected, which can provide good electrical protection performance for the equipment.



Super anti-shielding ability

Precise structure, high-speed transmission, without any delay, faster, more stable and more secure 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

P139

Product application type:	Signal: RJ45	
	The rated voltage of the power connection is 42V, the rated current is 1.2A, and the shield is optional.	
Cable O.D:	Signal type: RJ45: $\Phi 5.5\sim\Phi 7.0\text{mm}$	
Details page:	Product Parameter Map: P139	Dimension Drawing: P141

Main feature:

- According to EIA568B/ISO/IEC11801 standard, it complies with D-pole/CAT3e/CAT5e, and the data transmission rate can reach 10M/s, 100M/s, 1000M/s;
- 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 protection level when connected.

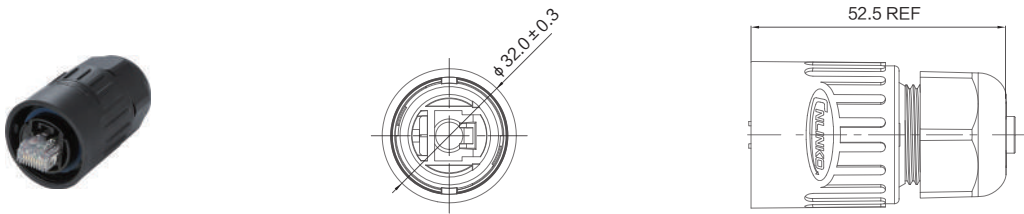
 YT-RJ45 Datasheet

YT-RJ45

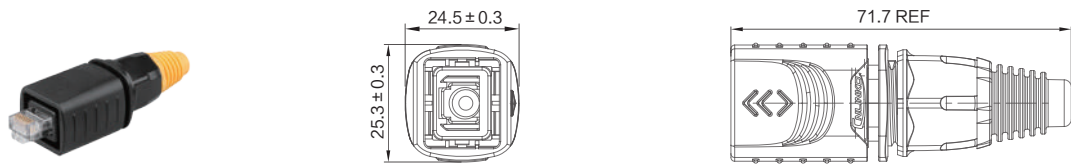
RJ45 Signal	Product Series	YT-RJ45												
	Number Of Cores	RJ45												
	Application Type Section													
	Current Rating	—												
	Voltage Rating	—												
	Cable O.D Range	φ 5.5 ~ φ 7.0mm												
	Wire Size	26~24AWG												
	Protection Level	IP44/IP65 (In connected state)												
	Assembly Method	1/4 quick bayonet connection/plug-in connection/push-pull connection												
		Circular Metal					Circular Engineering Plastic		Square Engineering Plastic		Square Metal			
plug	 YT-RJ45-CPE-10-001				 YT-RJ45-CPE-10-002				 YT-RJ45-CPE-11-001					
receptacle	 YT-RJ45-JSX-16-001	 YT-RJ45-JSX-17-001	 YT-RJ45-JSX-22-002	 YT-RJ45-JSX-21-002		 YT-RJ45-JSX-01-001	 YT-RJ45-JSX-29-001	 YT-RJ45-JSX-05-002	 YT-RJ45-JSX-07-001	 YT-RJ45-JSX-05-003				
	 YT-RJ45-JSX-24-002	 YT-RJ45-JSX-25-001	 YT-RJ45-JSX-32-001	 YT-RJ45-JSX-26-001(IP44)		 YT-RJ45-JSX-04-002	 YT-RJ45-JSX-29-004	 YT-RJ45-JSX-02-001	 YT-RJ45-JSX-08-001	 YT-RJ45-JSX-10-001				
	 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)

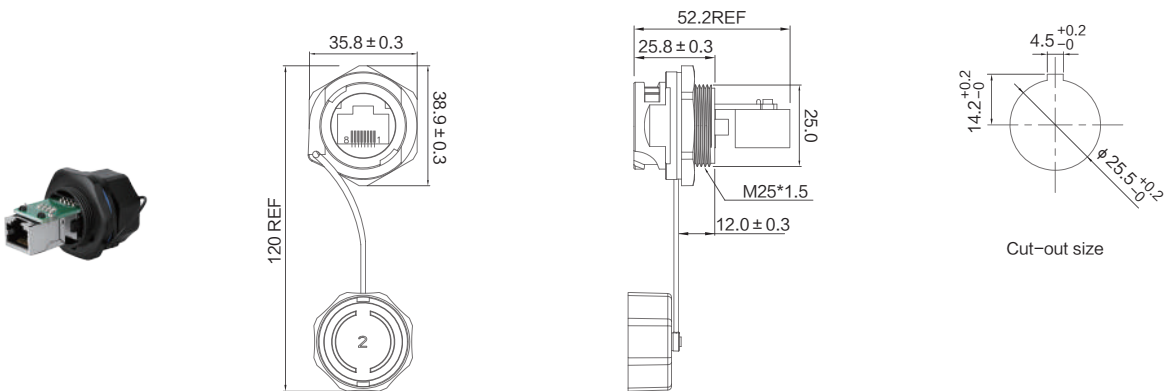
Plastic Circular Connector YT-RJ45-CPE-01-001



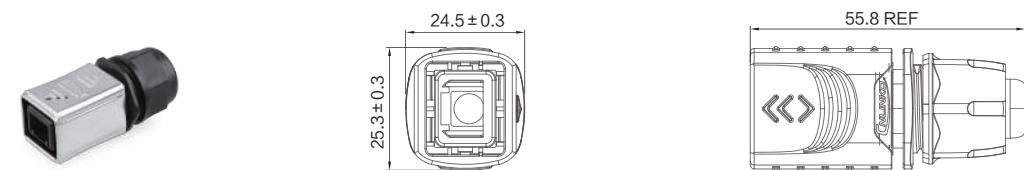
Square Connector YT-RJ45-CPE-05-001



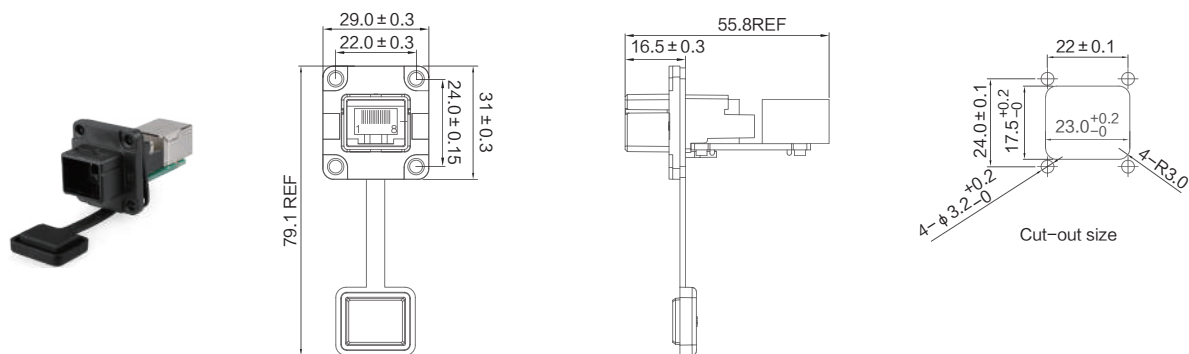
Plastic Circular Receptacle YT-RJ45-JSX-01-001



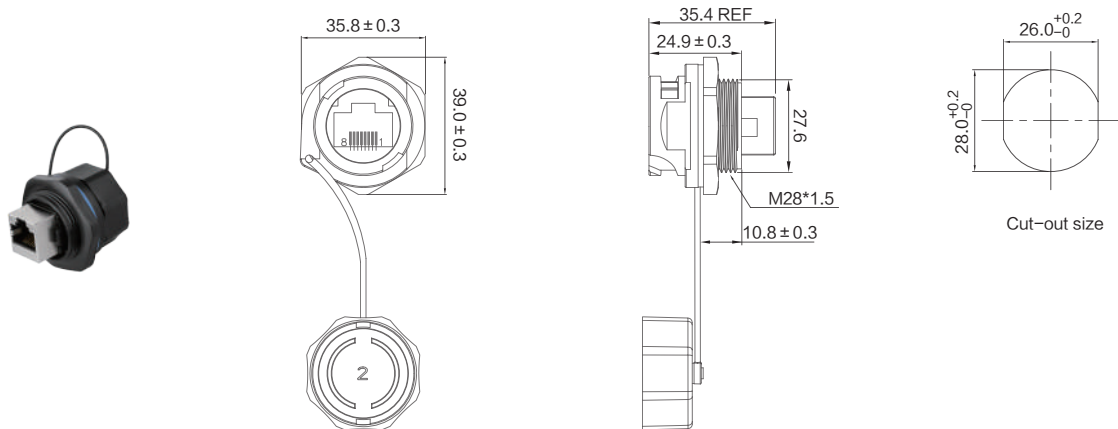
Square Connector YT-RJ45-CPE-13-001



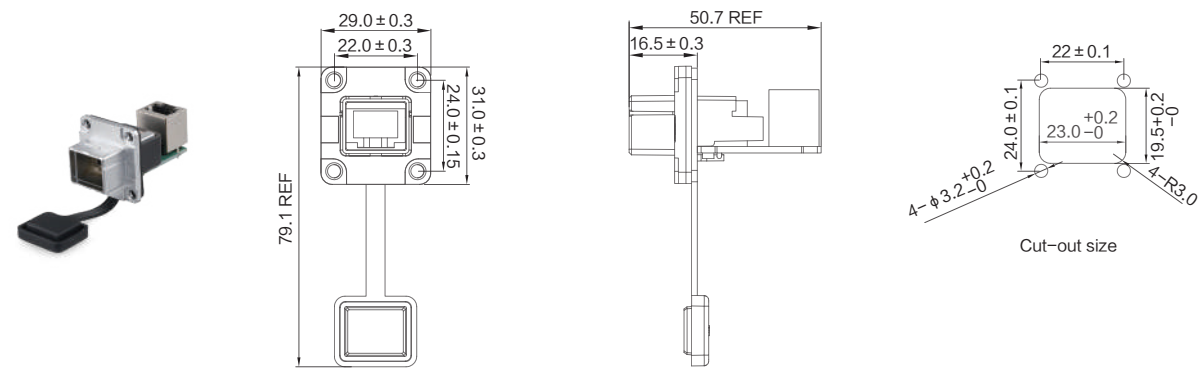
Square Receptacle YT-RJ45-JSX-02-001



Plastic Circular Receptacle YT-RJ45-JSX-04-002

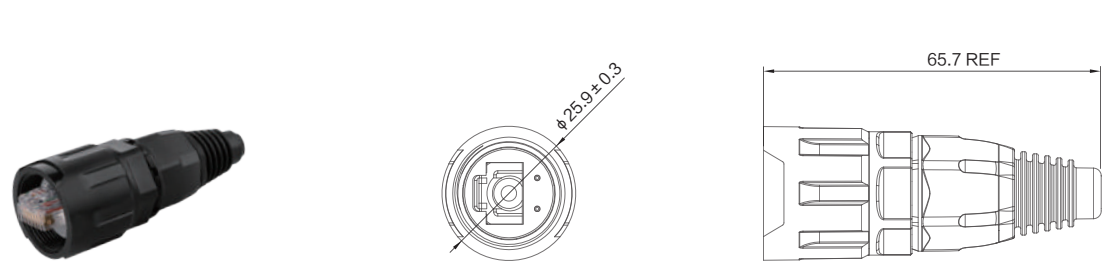


Square Receptacle YT-RJ45-JSX-08-001

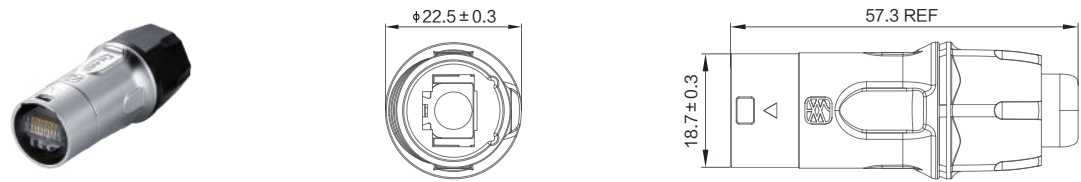


YT-RJ45 Dimension Drawing (unit: mm)

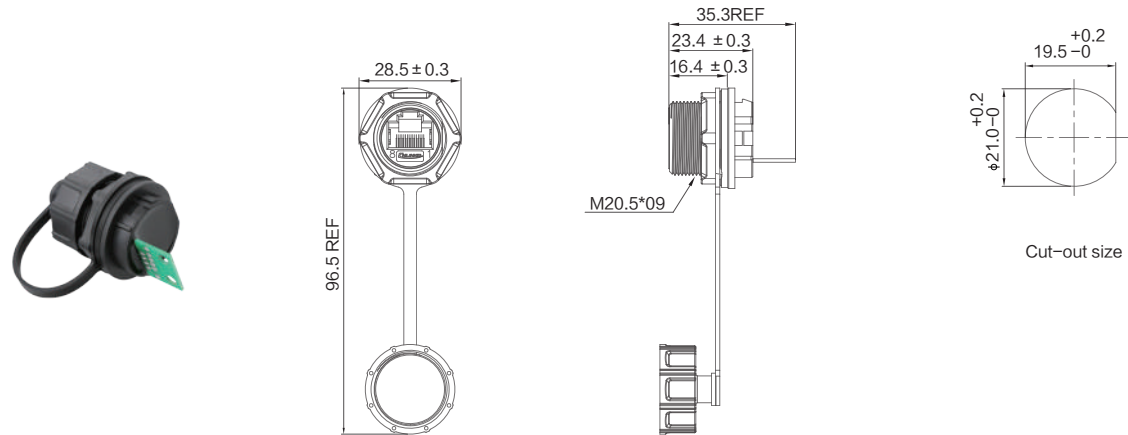
Plastic Circular Connector YT-RJ45-CPE-29-001



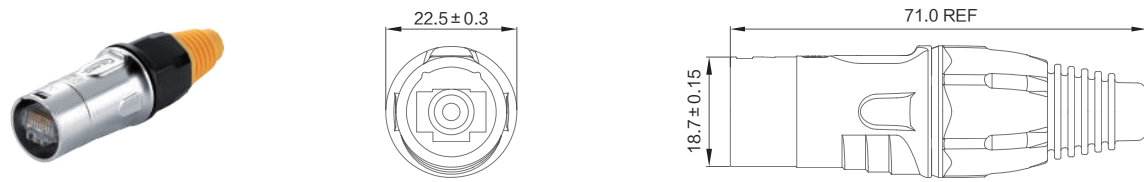
Metal Circularplug Connector YT-RJ45-CPE-11-001/2



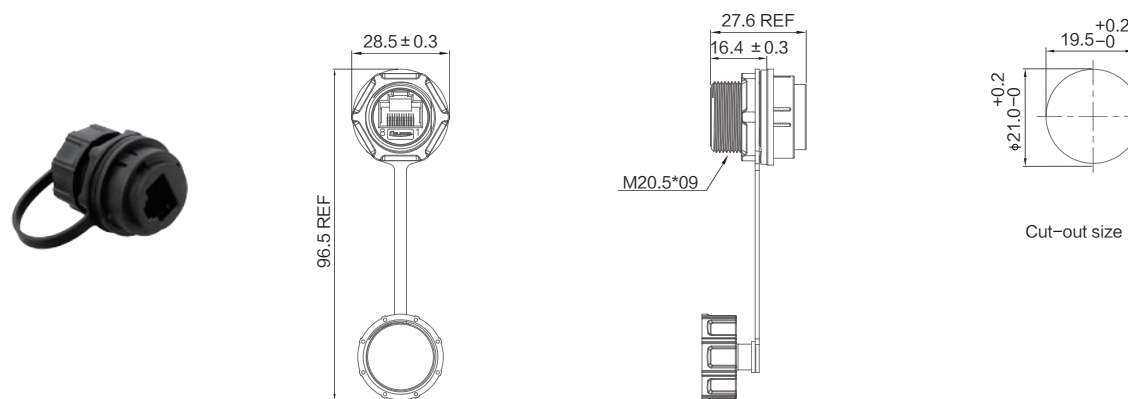
Plastic Circular Receptacle YT-RJ45-JSX-29-001



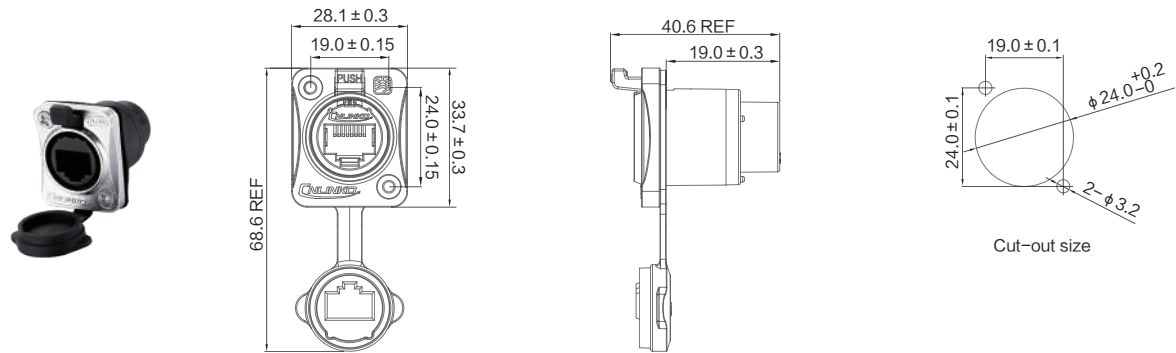
Metal Circularplug Connector YT-RJ45-CPE-10-001/2



Plastic Circular Receptacle YT-RJ45-JSX-29-004



Metal Square Receptacle YT-RJ45-JSX-16-001



Metal Square Receptacle YT-RJ45-JSX-17-001

