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:

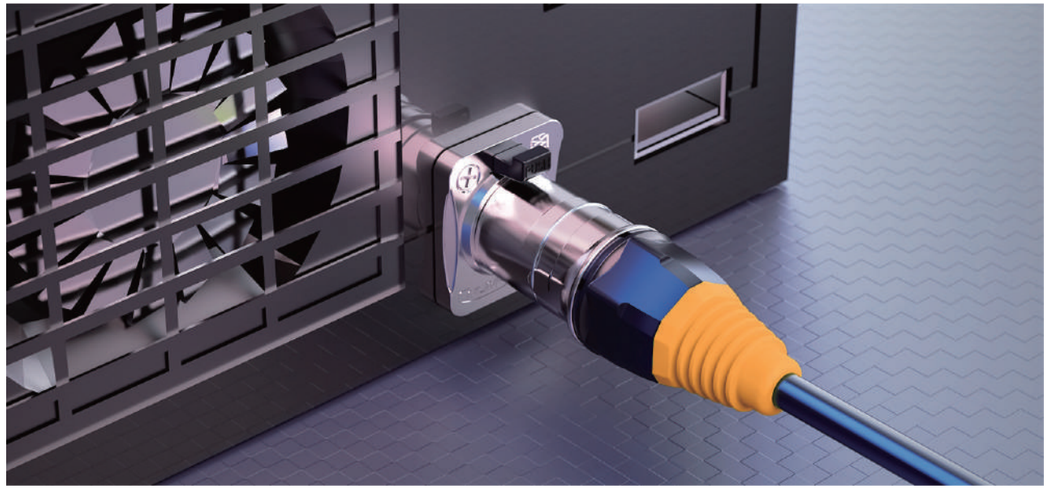
The product is in a sealed bag, with a small box in the large box, and a label on the small box. The label indicates the product name, model, batch number, and number of products. Packaged products are recommended to be stored in a warehouse with an ambient temperature of 25℃±3℃,a relative humidity of ≤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.

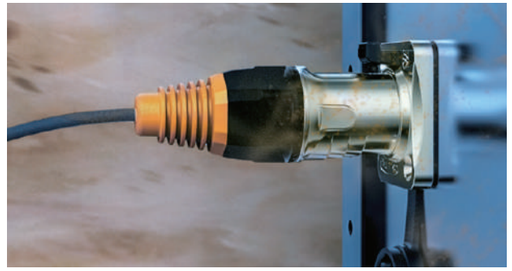
QR code of YT-RJ45 series

Applications



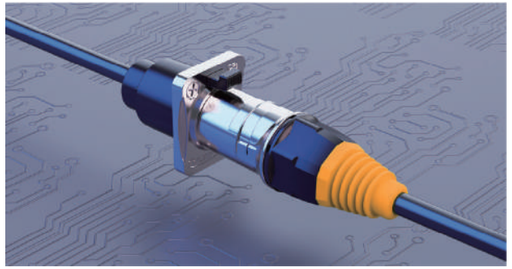
YT-RJ45 series products are used in a certain equipment information control box

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：Φ5.5~Φ7.0mm	
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

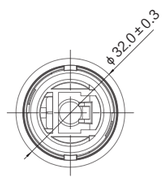
RJ45 Signal	Product Series	YT-RJ45
	Number Of Cores	RJ45 —
	Application Type Section	—
	Current Rating	— —
	Voltage Rating	— —
	Cable O.D Range	ϕ5.5 ~ ϕ7.0mm —
	Wire Size	26-24AWG —
	Protection Level	IP44/IP65（In connected state） —
	Assembly Method	1/4 quick bayonet connection/plug-in connection/push-pull connection —

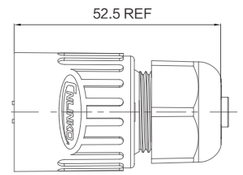
	Circular Metal					Circular Engineering Plastic		Square Engineering Plastic		Square Metal
plug	YT-RJ45-CPE-10-001	YT-RJ45-CPE-10-002	YT-RJ45-CPE-11-001			YT-RJ45-CPE-01-001	YT-RJ45-CPE-29-001	YT-RJ45-CPE-13-001	YT-RJ45-CPE-05-001	YT-RJ45-CPE-03-001
receptacle	YT-RJ45-JSX-16-001	YT-RJ45-JSX-17-001	YT-RJ45-JSX-22-002	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

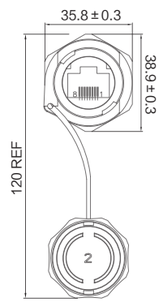
YT-RJ45 Dimension Drawing (unit: mm)

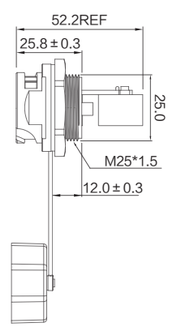
Plastic Circular Connector YT-RJ45-CPE-01-001

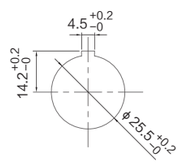




Plastic Circular Receptacle YT-RJ45-JSX-01-001

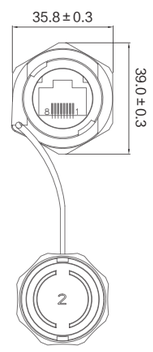


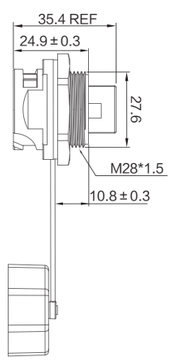


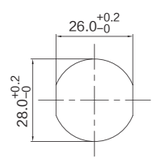


Cut-out size

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

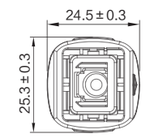


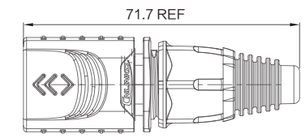




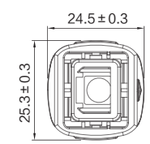
Cut-out size

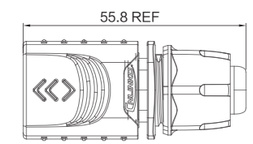
Square Connector YT-RJ45-CPE-05-001



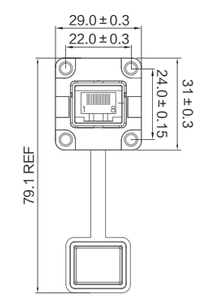


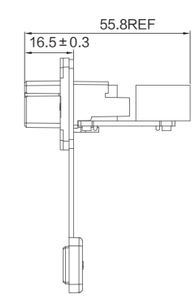
Square Connector YT-RJ45-CPE-13-001

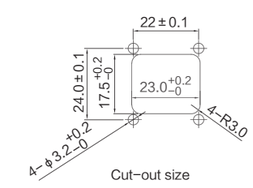




Square Receptacle YT-RJ45-JSX-02-001

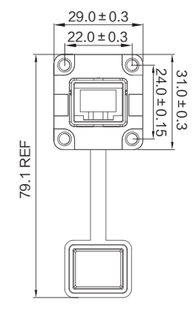


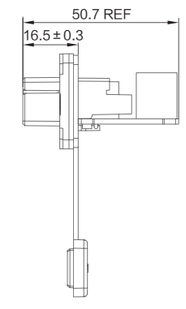


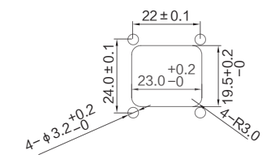


Cut-out size

Square Receptacle YT-RJ45-JSX-08-001



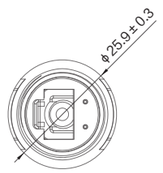


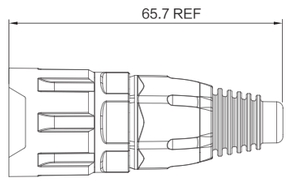


Cut-out size

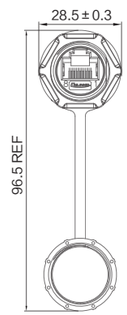
YT-RJ45 Dimension Drawing (unit: mm)

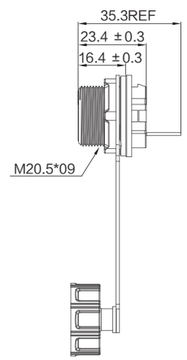
Plastic Circular Connector YT-RJ45-CPE-29-001

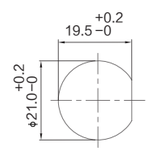




Plastic Circular Receptacle YT-RJ45-JSX-29-001

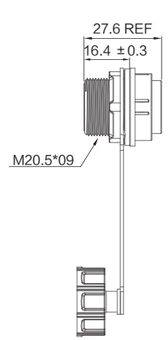


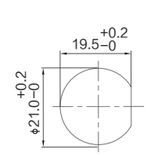




Cut-out size

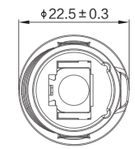
Plastic Circular Receptacle YT-RJ45-JSX-29-004

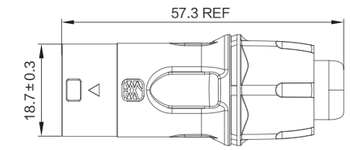




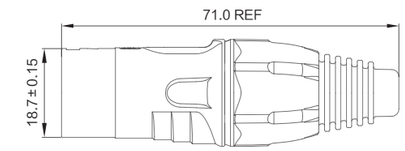
Cut-out size

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

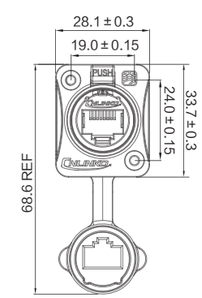


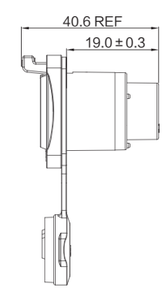


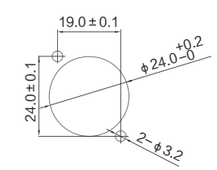
Metal Circularplug Connector YT-RJ45-CPE-10-001/2



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

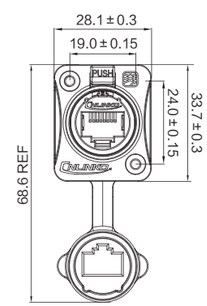


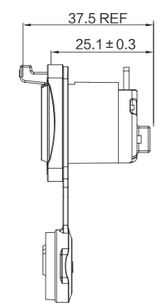


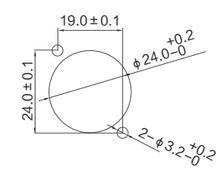


Cut-out size

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







Cut-out size