

10/100/1000Mbps Fiber Converter

10/100/1000M adaptive fast Ethernet fiber optic transceiver is composed of fiber-billion-independent development and production of new high-speed Ethernet optical network transport products. It can convert two different twisted pair and fiber transmission medium, Relay 10/100/1000Base-TX and 1000Base-FX two different network segments. It's Able to meet long-distance, high-speed, high-bandwidth Fast Ethernet workgroup users needs. It can achieve the furthest distance interconnection 120 km high-speed computer data network without repeaters. Product is stable and reliable performance, the design conforms to the Ethernet standard, and lightning protection.

Product features

- Compatible Ethernet protocol IEEE802.3 10Base-T, IEEE802.3u 100Base-TX/FX
- To support the automatic MDI/MDIX, without the need for cable selection
- The twisted pair ports support rate and full / half duplex auto negotiation
- To support IEEE802.3x full duplex flow control, half duplex support backpressure flow control
- The ultra low transmission delay, using a variety of forwarding mechanism, fast forwarding rate
- The LED indicator monitoring the current working state, is conducive to the network diagnosis and troubleshooting

Field of application

- Applicable to preparing 10M expansion up to 100M enterprise network bandwidth
- Applicable to the image, voice and other multimedia data transmission network
- Applicable to a computer signal transmission point to point
- Is widely used in computer data transmission network, meet a variety of business needs
- Applicable to the campus broadband network, broadband cable network and intelligent residential FTTH fiber to the building, data transmission
- With the switches and other computer network equipment can be set up: chain, star, ring network and other computer network

Product Specifications

Protocol standards:	IEEE802.3 10Base-T IEEE802.3u 100Base-TX/FX IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-SX/LX	IEEE802.3x Flow control IEEE802.1q VLAN IEEE802.1pQoS IEEE802.1d Spanning Tree
Electrical interface parameters:	connector:RJ45 Transmission rate:10/100/1000Mbps Cable Type:UTP-5E Or higher Transmission distance:100M	
Optical interface parameters:	connector:SC/FC/ST/LC Transmission rate:1.25Gbps Fiber Wavelength:850nm/1310nm/1490nm/1550nm Fiber Type:SM 9/125μm, MM 50/125μm、62.5/125μm	

	Transmission distance:550M-100km
Performance Specification:	Forwarding Mode: Store and Forward Transmission mode: full / half duplex adaptive MAC address table: 2K Frame memory:1Mbit Network latency:≤20μs
power supply:	Power supply type: External Power Supply Power supply input voltage:AC100V~240V 50/60Hz Machine power connector: DC socket Machine operating voltage:5V Machine Power:0.75W~3W
working environment:	Storage temperature:-40~70℃ Operating temperature:-10~55℃ Working humidity:5%~90%Non-condensing

Ordering Information:

model	Product description	
XYT-3300N	1 Gigabit electrical port +1 Gigabit optic port, external power supply	SC/FC/ST
XYT-3320N	1 Gigabit electrical port +1 Gigabit optic port, built-in power supply	
XYT-2300	2 Gigabit electrical port +1 Gigabit optic port, external power supply	
XYT-2003SF	1 Gigabit electrical port +2 Gigabit optic port external power supply	
XYT-3300NS	1 Gigabit electrical port+1 Gigabit SFP port, external power supply	LC
XYT-3320NS	1 Gigabit +1 port SFP Gigabit interface, built-in power supply	

Note: products are single-mode fiber transmission distance 20/40/60/70/80KM optional; single-mode dual fiber transmission distance 10/20/30/40/50//70//90/100KM optional; multimode fiber transmission distance 0.55KM.