winyuan

Fast Ethernet WDM Media Converter

GENERAL INFORMATION：

This WDM fast Ethernet media converter transmits 10/100Base-T Ethernet electrical signal through 1-core fiber, realize TX/FX converter.

PRODUCT CHARACTER:

Conforms to IEEE802.3,IEEE802.3u (10Base-T,100Base-TX,100BaseT-FX) international standard;

support single fiber(WDM technology)

single-mode connection: transmitting range can reach 120 kilometers.

built-in power supply or built-out power supply;

support both 10/100M full/half duplex adapt and compulsive set 10M,100M,full duplex, half duplex, then convenient to connect CPE and protect previous invest when network upgrades;

brings 1M buffer, supports 2KMAC address;

isolates network conflict and broadcasting package effectively, has the function of preventing broadcasting storm;

supports 802.1Q and 16 groups of VLAN

Typical Application:

10/100Mbps fast optical Ethernet long-distance transmitting network

TECHNICAL SPECIFICATION:

Optical interface:

SC/FC

Ethernet interface: RJ-45 (coaxial twisted pair)

Support IEEE802.3 10 Base-T, IEEE802.3u 100Base-TX and 100Base-FX

Ethernet connector:

10/100Base-TX: UTP RJ45 connector

100Base-FX:FC,ST,SC connector

Cable type: non-shielded 5 class cable Cat.5UTP, can transmit 100 meters

Optical fiber category:

single-mode 8.3/125, 8.7/125, 9/125, 10/125um,transmit distance20km~120km

multi-mode 50/125, 62.5/125, 100/140um, transmit distance 0~2km

environment condition

Operating temperature: 0C~+50 C

Storage temperature: -20 C~+70 C

Relative temperature:95% (uncondensed)

Dimension   210(W) × 140 (L) x 30(H) mm

Power supply

working voltage range wide, good

anti-disturb and Isolation, work stable

option I - DC-48V,range DC-36V~DC-72C

option I - AC220,range AC160V~AC240V