Fiber Media Converter X2ML

10/100M, Dual Fiber, External Power Supply — Fiber Media Converter

Key Features

- 100BASE-FX FIBER to 10/100BASE-T COPPER Ethernet conversion
- Auto-MDI/MDIX copper RJ45 port
- 1600byte super data packet transmission
- Full duplex-flow control, half duplex-back pressure
- Link fault pass through (LFPT)
- Full- positioned LEDs to indicate power and network status



Introduction

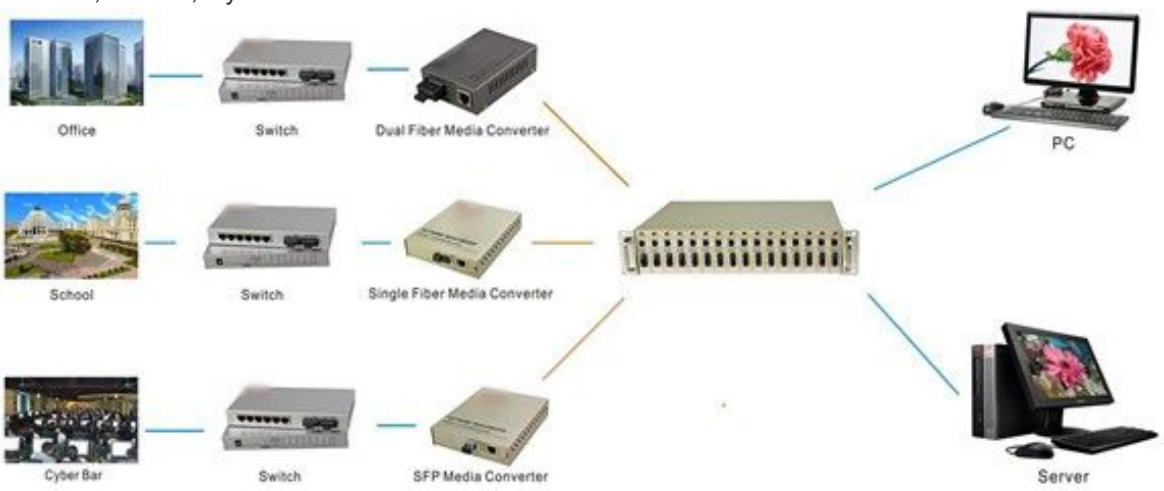
The X2 series of Ethernet media converters with external power supply are 10/100Mbps auto-sensing and utilize fiber optics to extend the physical distance range of typical Ethernet links (100m) to 5Km max. on MMF and 100Km max. on SMF.

Specification

Standard	IEEE802.3 (10BASE-T), IEEE802.3u 100BASE-TX/FX (Fast-Ethernet), IEEE802.3x (Flow Control), IEEE802.1q, IEEE802.1p QoS, IEEE802.1d Spanning Tree
10/100BASE-T	STP or UTP Category 5/5e/6 cable (Max. 100m)
100BASE-FX	50/125um fiber cable (5km), 62.5/125um multimode fiber cable (2km) 9/125um single mode fiber cable (20/40/60/80/100km)
Conversion Mode / Delay Time	Store-and-Forward < 10us, straight-through<0.9us
Flow control	Full duplex-flow control, Half duplex-back pressure
RJ-45 Port	Auto-MDI/MDIX
Fiber Connector	SC standard, ST/FC optional
Wavelength	1310/1550nm
Dimensions	70mm(W) x 93mm(D) x 25mm(H)
Weight	Net weight : 0.16kg; Gross weight : 0.42kg
Input Voltage	DC 5V1A with External power adapter
Power Consumption	<2.5W
MTBF	50,000 hours
BER	<1/1000000000
MAC Address Table	1K
Buffer Size	1M
Operating Temperature	0℃~50℃
Storage Temperature	-40℃~70℃
Storage Humidity	5%~90% non-condescending

Application

- Telecommunication Networks
- Schools, Offices, Cyber Bars



Ordering Details

X**2M**L	10/100M, Standalone, dual fiber, multimode, SC, 2km, external power supply
X**2S**L	10/100M, Standalone, dual fiber, single mode, SC, 20km, external power supply
X**2SL40**	10/100M, Standalone, dual fiber, single mode, SC, 40km, external power supply
X**2SL60**	10/100M, Standalone, dual fiber, single mode, SC, 60km, external power supply
X**2SL80**	10/100M, Standalone, dual fiber, single mode, SC, 80km, external power supply
X**2SL100**	10/100M, Standalone, dual fiber, single mode, SC, 100km, external power supply

*Above listed are most frequently ordered items. Please contact us for other configurations.