ET-912+ Series

100Base 10/100BaseTX To 100Base-FX Media Converter

Best media conversion solutions for network connectivity
Edimax's full series of Media Converter are designed to meet the needs for massive optical fiber network, provide the whole Ethernet / Fast Ethernet network implementation.

Migrating between copper and fiber-based Medium
ET-912+ series convert the signals between two different transmission medium, allowing user a simple and cost-effective method to migrate between UTP cable and fiber optic cable. It can transmit signals up to 2km (multimode) and 30/40/60/80/100km (single-mode) in fiber medium, allowing users to extend network.

Comply with IEEE Standards
ET-912+ series are fully compliant with IEEE 802.3 10Base-T and 802.3u 100Base-TX, 100Base-FX standards. The device comes with one RJ-45 port to connect to a 10/100Base-TX device such as workstation or switch and one fiber connection to connect a 100Base-FX device.

Built in Switching ASIC
ET-912+ series have turned the function more like a 2 ports switch than a traditional converter. User can get all switching benefits such as frames checking and filtering.

Feature LED and Fiber link alarm
User could monitor the device through Feature LED. In addition, Fiber Link Alarm could allow user to monitor and maintain their critical fiber link more effectively.

Unique voltage supervisor
Built in voltage supervisor IC will automatically reset all chipsets in converter as power voltage drop below 2.9V, this action can make sure fiber port and TP port work normally when thunder storm or power unstable occuring cause the power
electricity suddenly down in an instant time.

Plug-and-Play Installation
Simply to plug the TP and fiber port to the device having the media convertibility.

Features

- Compliant with IEEE 802.3 10BaseT and IEEE 802.3u 100BaseTX/100BaseFX Standards
- One 10/100BaseTX Ethernet TP Port and One 100BaseFX Ethernet Fiber Port
- One 100BaseFX Fiber Port can support either Multi (SC/ST) or Single (SC, LC, MT-RJ) Mode
- TP Port can support Half/Full-Duplex, Auto-MDI/MDI-X and Auto-Negotiation
- Providing a slide switch for Full- and Half-Duplex selection on FX Port
- Multiple Fiber Connectors
- Providing 19" Converter Chassis for up to 16 slots with redundant power supply for optional expansion use

Order Information

Model	Optical Fiber Description
ET-912MSC+	10/100 to 100FX Multi Mode 2KM-SC
ET-912MST+	10/100 to 100FX Multi Mode 2KM-ST
ET-912SC3+	10/100 to 100FX Single Mode 30KM-SC
ET-912SC4+	10/100 to 100FX Single Mode 40KM-SC
ET-912SC5+	10/100 to 100FX Single Mode 50KM-SC
ET-912SC6+	10/100 to 100FX Single Mode 60KM-SC
ET-912SC8+	10/100 to 100FX Single Mode 80KM-SC
ET-912SCA+	10/100 to 100FX Single Mode 100KM-SC
ET-912W2A+	WDM 10/100 to 100 Single Mode 20KM-A
ET-912W2B+	WDM 10/100 to 100 Single Mode 20KM-B
ET-912W4A+	WDM 10/100 to 100 Single Mode 40KM-A
ET-912W4B+	WDM 10/100 to 100 Single Mode 40KM-B

Specification

Standards	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX/100BaseFX
Features	Number of Ports: 1 10/100BaseT with RJ-45 Connector 1 100BaseFX with Fiber Connector (Multi/Single Mode, ST/SC, LC, MT-RJ Connector)
Data Transfer Rate	Ethernet: 10Mbps/Half-Duplex 20Mbps/Full-Duplex Fast Ethernet: 100Mbps/Half-Duplex 200Mbps/Full-Duplex
Transmission Media	10BaseT Cat. 3, 4, 5 UTP/STP, up to 100BaseTX Cat. 5 UTP/STP, up to 100BaseFX: 50/125µm or 62.5/125µm Multi Mode ST/SC-Type Fiber optic cable, up to 9/125µm or 10/125µm Single Mode Fiber optic cable
LED Indicators	Per Port: (TX): Link/Act, Speed, FDX/COL (FX): Link/Act, FDX/COL Per Unit: Power
Power Requirement	DC5V/2A
Power Consumption	10 Watts (Max)
Dimensions	102 x 74 x 22mm(L x W x H)
Weight	230 g
Operating Temperature	0 to 60℃
Storage Temperature	-20 to 90℃
Humidity	10 to 90% RH (non-condensing)
Certifications	FCC Class B, CE