EL1216 Series

10/100BASE-TX to 100BASE-FX Media Converter



Overview

This product is discontinued as of 1st October 2020. click here for alternative product.

The EL1216 Series provides media conversion between 10/100BASE-T(X) and 100BASE-FX Fiber. Easy plug-and-play design facilitates network infrastructure construction. The EL1216 series is designed for SC or ST fiber connection applications. The EL1216's mechanical design prevents physical contact with fiber transceiver while the case is sealed; The EL1216's compact size is suitable for space limit installation and it is the ideal media converter for enterprise environments.

EtherWAN — "**When Connectivity is Crucial.**"

Spotlight

Plug-and-Play Media Converter

» Easy installation, plug-and-play without additional configuration, providing store-and-forward data transmission

Hidden Fiber Transceiver

» Mechanical design prevents physical contact with fiber transceiver while the case is sealed

Specifications

Technology

Standards

- IEEE 802.3 10BASE-T
- IEEE 802.3u 100BASE-TX/100BASE-FX
- IEEE 802.3x full duplex and flow control

Forward and Filtering Rate

- 14,880pps for 10Mbps
- 148,810pps for 100Mbps

Processing Type

- Store-and-Forward
- Auto Negotiation
- Half duplex back-pressure and IEEE 802.3x full-duplex flow control
- Auto-MDI/MDIX

Power

Input

- 12VDC

Power Consumption

- 3W Max. 0.25A@12VDC

Mechanical

Casing

- Metal case
- IP30

Dimensions

- 100 x 122 x 32.5mm (W x D x H)
  (3.94" x 4.8" x 1.28")

Weight

- 350g (0.77lbs.)

Installation

- Wall mounting

Interface

Ethernet Port

• 10/100BASE-TX: 1 port
• 100BASE-FX: 1 port

LED Indicators

• Per Unit: Power Status
• Per Port: TX Speed, Link/Activity, Duplex Mode/Collision

Environment

Operating Temperature

• 0 to 50°C (32 to 122°F)

Storage Temperature

• -20 to 70°C (-4 to 158°F)

Ambient Relative Humidity

• 5% to 95% (non-condensing)

Regulatory Approvals

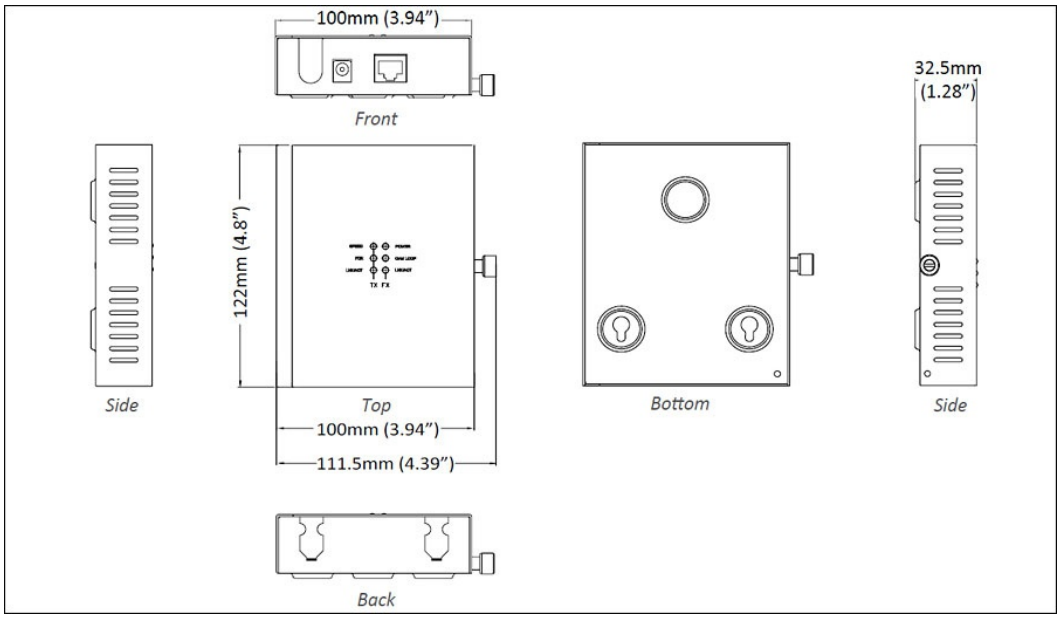
ISO

• Manufactured in an ISO 9001 facility

Emission Compliance

CE Mark Class A
FCC Part 15B Class A
VCCI Class A

Dimensions


100mm (3.94")
Front
32.5mm
(1.28")
122mm (4.8")
Side
Top
100mm (3.94")
111.5mm (4.39")
Bottom
Side
Back

Ordering Info

Model

EL1216-X1Z	10/100ASE-TX to 100BASE-FX Media Converter

100FX Fiber Options (X)

1	Multi Mode (SC) - 2Km (1310nm)
2	Multi Mode (ST) - 2Km (1310nm)
A	Single Mode (SC) - 20Km (1310nm)
B	Single Mode (SC) - 40Km (1310nm)
H	Single Mode (ST) - 20Km (1310nm)
6	Multi Mode (SC) WDM-TX: 1310nm/RX: 1550nm-2Km
7	Multi Mode (SC) WDM-TX: 1550nm/RX: 1310nm-2Km
8	Multi Mode (SC) WDM-TX: 1310nm/RX: 1550nm-5Km
9	Multi Mode (SC) WDM-TX: 1550nm/RX: 1310nm-5Km
P	Single Mode (SC) WDM-TX: 1310nm/RX: 1550nm-20Km
Q	Single Mode (SC) WDM-TX: 1550nm/RX: 1310nm-20Km
R	Single Mode (SC) WDM-TX: 1310nm/RX: 1550nm-40Km
S	Single Mode (SC) WDM-TX: 1550nm/RX: 1310nm-40Km

* More 100FX Fiber options also available upon request.

Power Connector Options (Z)

A	with external power adapter for AU
E	with external power adapter for EU
J	with external power adapter for JP
K	with external power adapter for UK
U	with external power adapter for USA
3C	with external power adapter for China



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