

EL50 Series

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



Overview

This product is discontinued as of 15th March 2021. [click here](#) for alternative product.

The EL50 Series provides media conversion between 10/100BASE-T(X) and 100BASE-FX Fiber. Easy plug-and-play design facilitates network infrastructure construction. The EL50 series is designed for SC or ST fiber connection applications. The compact size of EL50 is suitable for space limit installation and EL50 is the ideal media converter for enterprise environments.

EtherWAN — "When Connectivity is Crucial."

Highlights

+ Mini-Sized Media Converter

Supports SC/ST/WDM and both single mode and multi-mode fiber connectors

+ Plug-and-Play Media Converter

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

+ UL 60950-1 Certification

Certified by UL60950-1 standard and providing protections to installers from risk of injury or damage

Specifications

+ Interface

Ethernet Port
10/100BASE-TX: 1 port
100BASE-FX: 1 port

LED Indicators
Per Port: 10/100TX: Link/Activity
Per Port 100FX: Link/Activity

+ Technology

Standards
IEEE 802.3 10BASE-T
IEEE 802.3u 100BASE-TX/FX

Forward/Filtering Rate
14,880pps for 10Mbps
148,810pps for 100Mbps

Packet Buffer Memory
128K bits

Processing Type
Store-and-forward

+ Power

Input
DC Jack: 12VDC, 1.92W MAX. 0.08A
Terminal Block: 24VAC, 0.17A

Power Consumption
1.92W max. 0.16A@12VDC

+ Physical

Casing Material
Metal

Dimensions
54.2 x 80.3 x 21.9mm (W x D x H)
2.13" x 3.16" x 0.86"

Weight
0.14kg (0.31lbs)

Installation Type
Desktop

+ Environmental

Operating Temp.
0 to 45°C (32 to 113°F)

Storage Temp.
-10 to 70°C (-14 to 158°F)

Relative Humidity
5% to 95% (non-condensing)

+ Regulatory

ISO
Manufactured in ISO-9001 facility

Safety
UL 60950-1

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

+ Warranty

Length
Limited Lifetime

Details
www.etherwan.com/support/warranty-policy

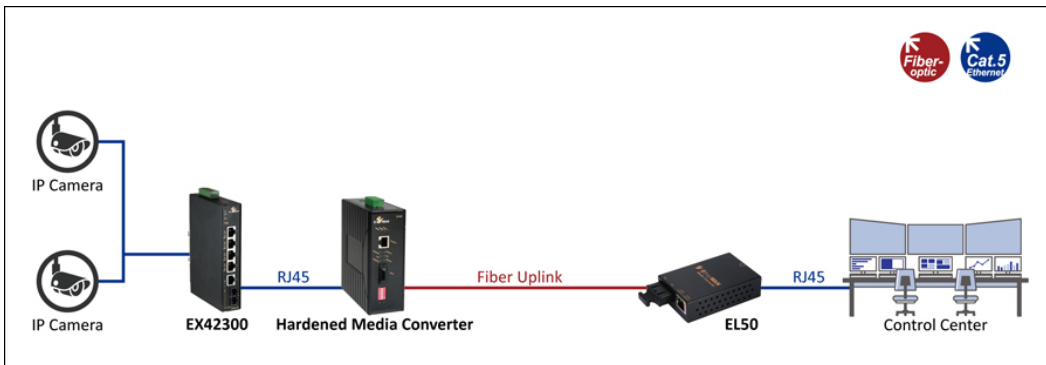
+ What's Included

Device
Media Converter

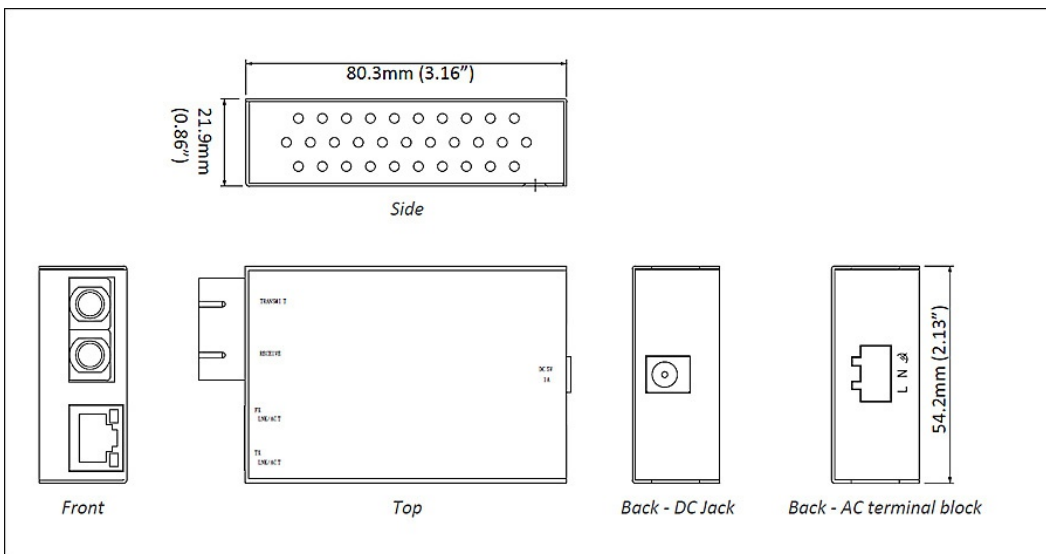
Power
12VDC Power Adapter

Documentation
Quick Install Guide

Application



Dimensions



Ordering Info

+ Model

EL50XX-YY-ZZ 10/100BASE-TX to 100BASE-FX Media Converter

+ 100FX Fiber Type-Distance Options (XX-YY)

T	Multi Mode (ST) - 2Km (1310nm)
C	Multi Mode (SC) - 2Km (1310nm)
T-20	Single Mode (ST) - 20Km (1310nm)
C-20	Single Mode (SC) - 20Km (1310nm)
C-40	Single Mode (SC) - 40Km (1310nm)
CA-2	Multi Mode (SC) WDM-TX: 1310nm/RX: 1550nm-2Km
CB-2	Multi Mode (SC) WDM-TX: 1550nm/RX: 1310nm-2Km
CA-5	Multi Mode (SC) WDM-TX: 1310nm/RX: 1550nm-5Km
CB-5	Multi Mode (SC) WDM-TX: 1550nm/RX: 1310nm-5Km
CA-20	Single Mode (SC) WDM-TX: 1310nm/RX: 1550nm-20Km
CB-20	Single Mode (SC) WDM-TX: 1550nm/RX: 1310nm-20Km
CA-40	Single Mode (SC) WDM-TX: 1310nm/RX: 1550nm-40Km
CB-40	Single Mode (SC) WDM-TX: 1550nm/RX: 1310nm-40Km

+ Power Adapter Options (ZZ)

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
AC	with 24VAC Terminal Block Power Interface

* More 100FX fiber options are also available upon request.

