

# 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](http://www.etherwan.com/support/warranty-policy)

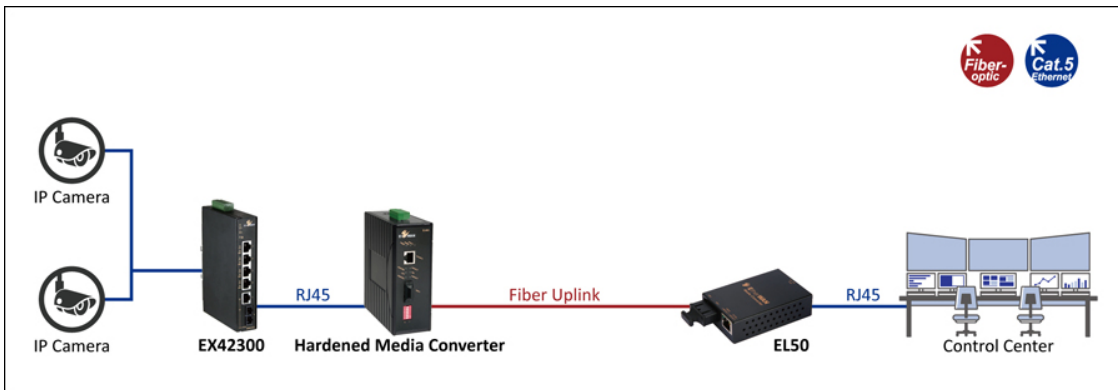
### + What's Included

**Device**  
Media Converter

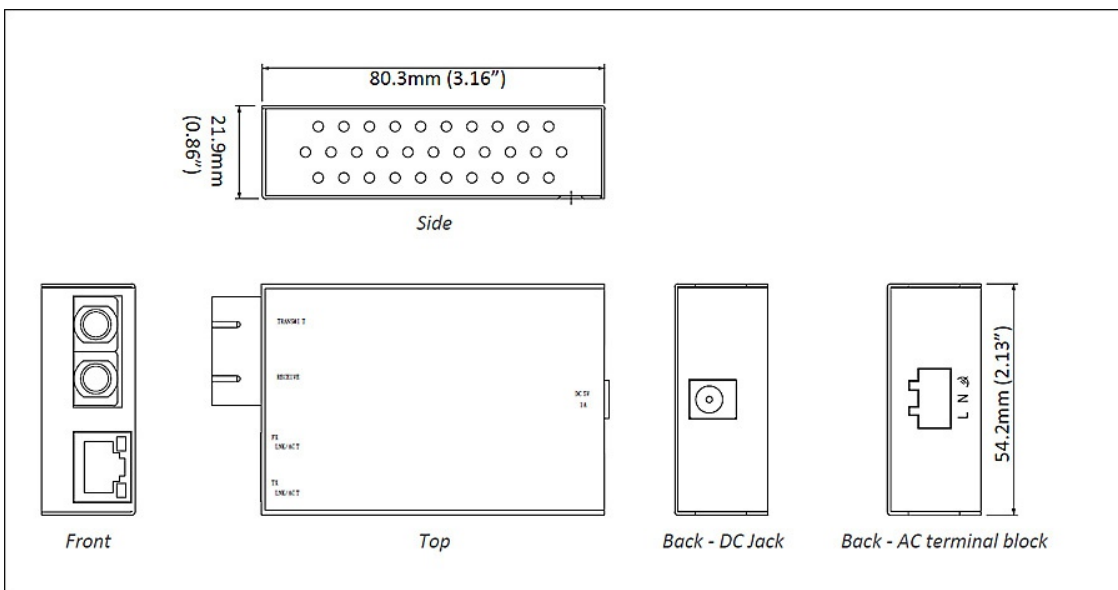
**Power**  
12VDC Power Adapter

**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)

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

### + Power Adapter Options (ZZ)

<b>A</b>	with external power adapter for AU
<b>E</b>	with external power adapter for EU
<b>J</b>	with external power adapter for JP
<b>K</b>	with external power adapter for UK
<b>U</b>	with external power adapter for USA
<b>AC</b>	with 24VAC Terminal Block Power Interface

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

