

# EL50 Series

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



## Product Highlights

### ➔ Mini-Size 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

## Overview

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 limited installation.

# Ordering Information

## Model

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<b>EL50XX-YY-ZZ</b>	10/100BASE-TX to 100BASE-FX Media Converter
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## 100FX Fiber Type-Distance Options (XX-YY)

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<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

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## Power Adapter Options (ZZ)

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<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, 24VDC Terminal Block Power Interface

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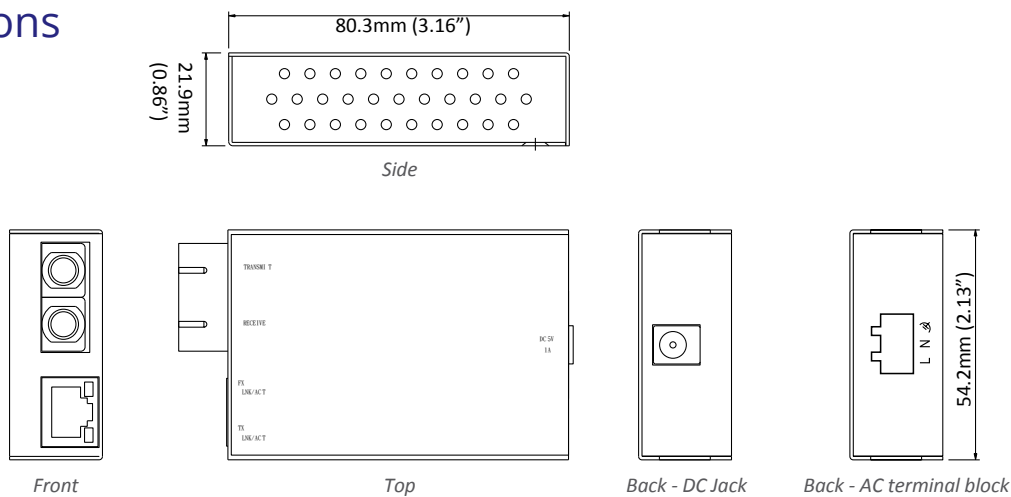
\*More 100FX fiber options are also available upon request.

# Hardware Specifications

<b>Interface</b> +	
Ethernet Port	10/100BASE-TX: 1 port 100BASE-FX: 1 port
LED Indicators	Per Port: 10/100TX: Link/Activity Per Port 100FX: Link/Activity
<b>Technology</b> +	
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
<b>Power</b> +	
Input	DC Jack: 12VDC, 1.92W MAX. 0.08A Terminal Block: 24VAC, 0.17A
Power Consumption	1.92W max. 0.16A@12VDC
<b>Physical</b> +	
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

<b>Environmental</b> +	
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)
<b>Regulatory</b> +	
ISO	Manufactured in ISO-9001 facility
Safety	UL 60950-1
Emission Compliance	CE Mark Class A FCC Part 15B Class A VCCI Class A
<b>Warranty</b> +	
Length	Limited Lifetime
Details	<a href="http://www.etherwan.com/support/warranty-policy">www.etherwan.com/support/warranty-policy</a>
<b>What's Included</b> +	
Device	Media Converter
Power	12VDC Power Adapter
Documentation	Quick Install Guide

## Dimensions



## Application

