

## Standard Media Converter, ORDERING INFORMATION

**(Y)(A)(BB)(CC)(D)**

\* Option for Power Over Ethernet, Add "P" in front of part number, leave blank if not needed

### Y - Select Transmission Speed

C 10/100  
M 10/100/1000

### (A) Select Fiber Type

Y Single-Mode  
F Multimode

### (BB) Select Connector Type

31 SFP (LC)  
61 SC  
67 ST  
70 SFP (empty slot)

### (CC) Select Operating Wavelength

85 850 (Multimode)  
13 1300 (Multimode)  
10 1310 (Singlemode/  
Multimode)  
15 1550 (Singlemode)

### (D) Select Distance

5 550M Multimode  
2 2km Multimode  
1 10km Single-Mode  
T 25km Single-Mode  
4 40km Single-Mode  
F 50km Single-Mode  
8 80km Single-Mode



## PoE (PSE) Media Converter (10/100, 10/100/1000)

The PoE (PSE) Media Converter allows the user to connect fiber to copper to power PoE+ devices. Product features a UTP RJ45 port, and an empty SFP port which is customizable with the use of a swappable SFP for single or multimode applications. Converter is auto sensing between 10, 100 and 1000mbps bandwidths, and each unit includes an AC power cord for internal power, and PSE controller to output power into CAT twisted pair cable to power devices.

### MAIN FEATURES

- IEEE802.1q
- IEEE802.3z 1000Base-Tx/Fx standard
- IEEE802.3af
- PoE PSE compatible
- Supports flow control for full and half duplex operation
- Bandwidth control
- FCC Class A, CE

### TECHNICAL SPECIFICATIONS

<b>Standard Protocol</b>	IEEE 802.1q	
	IEEE 802.3z 1000Base-TX/FX standard	
	IEEE 802.3 af Interface	
<b>Operation Mode</b>	Full /Half duplex mode	
<b>Connectors</b>	UTP: RJ-45	
	Fiber connector: SC/ST/LC	
	AC-inlet connector	
<b>RJ-45 Interface</b>	The transmission media adopts CAT5 twisted-pair with maximum length of 100 meter (330 feet).	
<b>Fiber Interface</b>	SC/ST/LC fiber interface is a duplex mode type which includes two sets of optical transceiver: TX and RX.	
	TX-RX / RX-TX fiber cross connection happens when the two sets of optical transceiver are connected to switch with fiber interface directly butting for single optical fiber transceiver.	
<b>Power Supply Interface</b>	The AC power supply is connected to AC input jack of media converter through the attached AC power cable.	
<b>Environmental Parameters</b>	Work Temperature	0°C~50°C (32 °F ~ 122°F)
	Storage Temperature	-40°C~70°C (-40 °F ~ 158°F)
	Humidity	5%~90% non-condensing
<b>TP Cable</b>	Cat5 UTP cable	
<b>Fiber Cable</b>	Single-mode: 8.3/125, 8.7/125, 9/125, 10/125µm	
	Multimode: 50/125, 62. 5/125, 100/140µm	
<b>Dimension</b>	Internal power supply	In1555mm(L)*110mm(W) *40mm(H)
<b>Warranty</b>	Lifetime	
<b>Mean Time Between Failure</b>	114,000 hours	
<b>TAA Compliant</b>	Yes	