

10/100M Base-TX to 100Base-FX PoE(PSE) Media Converter

10/100Base-TX to 100Base-FX media converter, which allows two types of network segment to be connected easily. Complied with IEEE802.3at or IEEE802.3af standard, the AC/DC powered PoE media converter is a Power Sourcing Equipment (PSE) which combines data transferred over a fiber optic link with 48V (or other voltage) power supply, providing power to IEEE802.3at or IEEE802.3af powered device (PD) over CAT5/CAT5e UTP cable (cable length up to 100 meters / 330 feet). The converter includes a single port PSE controller, which offers PD signature sensing and power monitoring features.



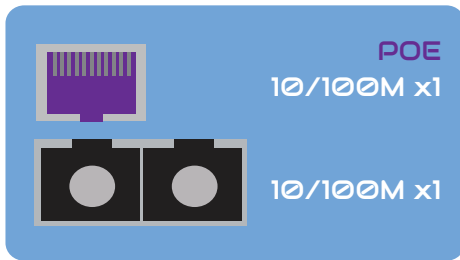
FEATURE

- 10/100Base-TX UTP to 100Base-FX fiber media conversion
- IEEE802.3at / IEEE802.3af PoE PSE compatible
- External AC/DC power supply
- Over-current protection
- Choice of SC, BiDi or other connectors for multimode and singlemode

SPECIFICATIONS

Data Rates	
<i>Network Ports</i>	10/100 Mbps (802.3 10Base-T/802.3u 100Base-T)
	100Mbps (100Base-FX)
<i>Input Power Requirements</i>	
<i>Input voltage</i>	100 VAC to 240 VAC
<i>Input frequency</i>	47 Hz to 63 Hz
<i>Power over Ethernet Output (Pin Assignment and Polarity)</i>	
<i>For IEEE802.3af standard</i>	4/5 (V+),7/8 (V-) (default) or 1/2(V+),3/6(V-) (optional)
<i>For IEEE802.3at standard (30Watts maximum)</i>	4/5 (V+),7/8 (V-) (default) or 1/2(V+),3/6(V-) (optional)
<i>For IEEE802.3at standard (50Watts maximum)</i>	1/2/4/5 (V+),3/6/7/8 (V-) (default)
<i>Output Power</i>	Please refer to ordering information
<i>Efficiency</i>	75% min
<i>Short circuit protection</i>	auto recovery
<i>Over current protection</i>	auto recovery
<i>Environmental Conditions</i>	
<i>Operating temperature</i>	0 °C to 50°C
<i>Cooling</i>	free air convection
<i>Storage temperature</i>	-20 °C to +85°C
<i>Operating Humidity</i>	90% max, non-condensing
<i>Mechanical Specifications</i>	
<i>Case Material</i>	Iron
<i>Case Color</i>	Silver
<i>Net Weight</i>	550g approx. / unit
<i>Dimensions</i>	71(W) x 26(H) x 94(L) (mm)
<i>Connectors</i>	
<i>Power port</i>	48V DC phone jet
<i>LAN</i>	Shielded RJ-45
<i>Fiber</i>	see ordering information

FUNCTIONAL DIAGRAM



ORDERING INFORMATION

PN	DESCRIPTION
LS0110-aaa-b-c	
aaa	
Duplex Fiber, SC Connector	
D02	10/100Mb/s Multimode 1310nm, 2km, Duplex SC
D20	10/100Mb/s Singlemode 1310nm, 20km, Duplex SC
D40	10/100Mb/s Singlemode 1310nm, 40km, Duplex SC
D60	10/100Mb/s Singlemode 1310nm, 60km, Duplex SC
D80	10/100Mb/s Singlemode DFB 1550nm, 80km, Duplex
Single Fiber, SC Connector	
S2035	10/100Mb/s Singlemode 1310/1550nm, 20km, Simplex SC
S2053	10/100Mb/s Singlemode 1550/1310nm, 20km, Simplex SC
S4035	10/100Mb/s Singlemode 1310/1550nm, 40km, Simplex SC
S4053	10/100Mb/s Singlemode 1550/1310nm, 40km, Simplex SC
S6035	10/100Mb/s Singlemode 1310/1550nm DFB, 60km, Simplex SC
S6053	10/100Mb/s Singlemode 1550/1310nm DFB, 60km, Simplex SC
b	
S	Standalone External Power Supply
R	Rackmount CardRackmount Card
c	
1	IEEE 802.3 af/ Output Voltage 48V / Output Current 0.35A Max / Output Power 154W Max
2	IEEE 802.3 at/ Output Voltage 48V / Output Current 0.54A Max / Output Power 25W Max
3	IEEE 802.3 af/ Output Voltage 52V / Output Current 0.60A Max / Output Power 30W Max
4	IEEE 802.3 at/ Output Voltage 52V / Output Current 1.00A Max / Output Power 50W Max