



Ethernet Converter:

ATX's FiberLinX Ethernet Converter (FLEC) media converters are designed to connect 10/100 or 10/100/1000 Mbps twisted pair network segments to SM fiber optic networks. The FLEC media converters are a cost-effective solution for extending Ethernet signals for applications such as business or mobile backhaul, SCADA & industrial automation.

Features:

- ▶ One 10/100/1000Base-TX fast Ethernet UTP port and one 100/1000Base-FX fiber port
- ▶ LED displays for power, UTP port (act/link, speed & duplex) and fiber port (act/link)
- ▶ Single fiber (SF) bi-directional (Bi-Di) transmission optional



Ethernet Converter Specifications

SPECIFICATIONS	
STANDARDS	IEEE802.3, IEEE802.3u, IEEE802.3x
DATA RATE	10/100/1000M Mbps
OPTICAL WAVELENGTH	1300 ± 25nm, 1550 ± 25nm
FIBER DISTANCE	20 km
FIBER INTERFACE	Single or Dual SC/UPC
RJ45 PORT	UTP-100Ω Cat.5 Cable up to 120 m
DIMENSIONS	1.02"H x 3.74"W x 2.76"D (2.6H x 9.5W x 7.0D cm)
POWER SUPPLY	+5 VDC (external 100 V-240 VAC power supply)
POWER CONSUMPTION	2.5W
OPERATING TEMPERATURE	0°C to +60°C (+32°F to +140°F)
STORAGE TEMPERATURE	-10°C to +70°C (+14°F to +158°F)
HUMIDITY	20-55% (without condensation)
WEIGHT	0.66 lbs (0.3 kg)

Ordering Information

Part Number	Description
FLEC100-20-SC	10/100M Media Converter, Dual SC/UPC Interface, 20 km, 5 VDC
FLEC100-20-B-SC	Single Fiber Bi-direction 10/100M Media Converter, 20 km, SC/UPC, 5 VDC
FLEC1000-20-SC	10/100/1000M Media Converter, Dual SC/UPC Interface, 20 km, 5 VDC
FLEC1000-20-B-SC	Single Fiber Bi-direction 10/100/1000M Media Converter, 20 km, SC/UPC, 5 VDC

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Preliminary

Specifications subject to change without notice.