

NXF-757

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

Description

The NXF-757 is among VOLKTEK's answers to expanding existing Fast Ethernet networks. The easy implementation and expansion of 100Base-TX/FX networks can be further assured with this converter.

The converter is completely transparent when connected, meaning that network performance remains unchanged, except that with the NXF-757 connected the network can now combine copper and fiber cabling. Added flexibility is available with ST, SC, and WDM Simplex SC connectors. Extra distances are possible with the single mode version delivering up to 80km connectivity per transmitted segment. The NXF-757 allows the installation fiber cabling anywhere within a Fast Ethernet network topology by directly connecting to existing devices. Its compact modular design facilitates deployment in a narrow desktop location to save space.

Features

- Automatic MDI/MDI-X
- Auto-negotiation, NWay support on RJ-45
- LEDs for at-a-glance device status
- Small form-factor

Specifications

Standards	
IEEE 802.3 10Base-T	
IEEE 802.3u 100Base-TX/FX	
Ports	
1 x 100Base-FX (SC/ST)	
1x 10/100Base-T (RJ-45)	
Maximum Distances	
Fiber Optic Up to 110km	
RJ-45 100m	
LEDs	
PWR	lit for normal power
LNK/ACT	lit when receiving link packets from a compliant copper device
FX LNK/ACT	lit when receiving link packets from a compliant fiber device
100	lit when data packets are being transmitted at 100Mbps
Mechanical & Environmental	
Power input	12V DC
Frequency	47 to 63Hz
Power consumption	2.16W
Current	Current 0.23A @ 12V
Operating temperature	0°C~50°C (32°F~122°F)
Storage temperature	-25°C~70°C (-13°F~158°F)
Operating humidity	10% to 80% RH
Storage humidity	5% to 90% RH
Safety & Emissions	
FCC Part 15 of Class A & CE Approved	
Dimensions (W x H x D)	
86.2 x 23.4 x 59.4 mm (3.39 x 0.92 x 2.34 in)	
Weight	
180 g (0.4 lb)	

Ordering Information	
NXF-757MT	10/100Base-TX to 100Base-FX (ST) Multimode Mini Media Converter
NXF-757MC	10/100Base-TX to 100Base-FX (SC) Multi-mode Mini Media Converter
NXF-757SC-20	10/100Base-TX to 100Base-FX (SC) single mode 20km Mini Media Converter
NXF-757SC-40	10/100Base-TX to 100Base-FX (SC) single mode 40km Mini Media Converter
NXF-757SC-60	10/100Base-TX to 100Base-FX (SC) single mode 60km Mini Media Converter
NXF-757SC-80	10/100Base-TX to 100Base-FX (SC) single mode 80km Mini Media Converter
NXF-757TS-20	10/100Base-TX to 100Base-FX (WDM; TX 1310nm/RX 1550nm) single mode 20km Mini Media Converter Transmitter
NXF-757TS-40	10/100Base-TX to 100Base-FX (WDM; TX 1310nm/RX 1550nm) single mode 40km Mini Media Converter Transmitter
NXF-757TS-60	10/100Base-TX to 100Base-FX (WDM; TX 1310nm/RX 1550nm) single mode 60km Mini Media Converter Transmitter
NXF-757RS-20	10/100Base-TX to 100Base-FX (WDM; TX 1550nm/RX 1310nm) single mode 20km Mini Media Converter Receiver
NXF-757RS-60	10/100Base-TX to 100Base-FX (WDM; TX 1550nm/RX 1310nm) single mode 60km Mini Media Converter Receiver

*Specifications subject to change without notice.

