

NXF-757

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

Overview

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

LEDs

PWR	lit for normal power
TX 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

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

Mechanical & Environmental

Power input	12V DC
Frequency	47 to 63Hz
Power consumption	2.8W
Current	0.23A@12V
Operating temperature	0°C to 50°C
Storage temperature	-25°C to 70°C
Operating humidity	10% to 80% RH
Storage humidity	5% to 90% RH

Safety & Emissions

FCC Part 15 of Class A & CE Approved

Dimensions & Weight

86.2 x 23.4 x 59.4 mm (W x H x D)
Weight: 180g

Warranty

5 years

Ordering information

NXF-757MT

10/100Base-TX to 100Base-FX (ST) Multi-mode 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

NXF-757RS-60

10/100Base-TX to 100Base-FX (WDM; TX 1550nm/RX 1310nm) single mode 60km Mini Media Converter Receiver