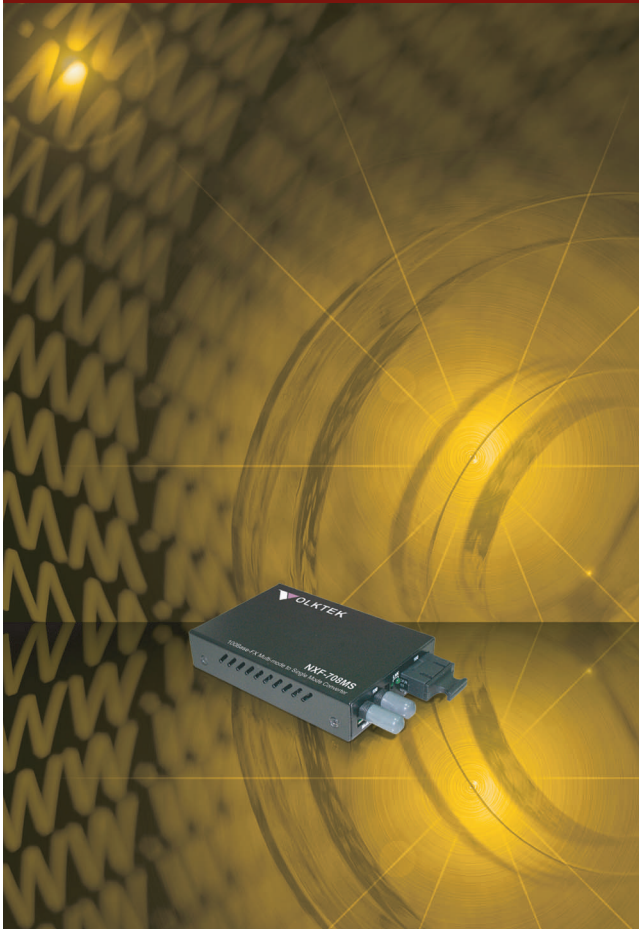


NXF-708 100Base-FX Multi-mode to Single Mode Converter



Product Introduction & Benefits

Today's networks utilize a variety of fiber cables to meet the demands of bandwidth and cable distance. The NXF-708 series specifically addresses these needs by transparently converting multi-mode fiber into single mode fiber cable in one small high performance device. Now, the network designer can accommodate different fiber cables to suit specific requirements while still being able to transcend the physical differences in cable specifications. The NXF-708 series can accommodate FDDI and Fast Ethernet without any drop in performance.

A single to single mode (for increased cable distances of up to 120km) and multi to multi-mode version is available. Its compact modular design facilitates deployment in a narrow desktop location or wall-mounted to save space. Several converters can be simultaneously installed by using the NXF-719 12-slot 19" rack-mount chassis, NXF-717 4-slot rack-mount chassis, or the NXF-711 single slot mini converter chassis.



Main Features :

- Complies with IEEE 802.3u 100Base-FX standard
- Compatible with all other 100Base-FX devices
- Extended distances up to 120km (long haul single mode)
- Available with SC and ST connectors
- Data and Clock Recovery
- Status LEDs for easy monitoring of network status
- External and power supply
- Chassis compliant (internal power supply)
- FCC Class A & CE approved

Ordering Information :

NXF-708MTSC :

100Base-FX Multi-mode to Single Mode Converter (ST/SC)

NXF-708MCSC :

100Base-FX Multi-mode to Single Mode Converter (SC/SC)

NXF-708SCSC :

100Base-FX Single Mode to Single Mode Converter (SC/SC)

NXF-708MTMT :

100Base-FX Multi-mode to Multi-mode Converter (ST/ST)

NXF-708MTMC :

100Base-FX Multi-mode to Multi-mode Converter (ST/SC)

NXF-708MCMC :

100Base-FX Multi-mode to Multi-mode Converter (SC/SC)

Specifications :

Standard :

IEEE 802.3u 100Base-FX

Connector :

2 x fiber connectors of combinations ST and SC

Max. Distance :

Fiber: 2,000 meters (multi-mode)
60,000 meters (long haul single mode) per connection

Unit LED :

PWR: Illuminated when in normal operation
LNK: Illuminated when receiving link pulses from a compliant device
RCV: Illuminated or flashing when data packets are being transmitted / received

Delay :

Less than 21 Bit

Power :

Voltage: AC voltage to 12V DC 0.8A power adapter
Frequency: 47Hz to 63Hz

Temperature :

Operating: 0°C to 50°C
Storage: -20°C to 70°C

Humidity :

Operating: 10% to 80% RH
Storage: 5% to 90% RH

Emissions :

FCC Part 15 of Class A & CE approved

Dimensions :

109.2 x 73.8 x 23.4mm (L x W x H)

Weight :

160g

Product Application

The following illustrates typical applications for the NXF-708 series. The actual distances will depend on several factors including the quality of cables used and the terminal equipment employed.

