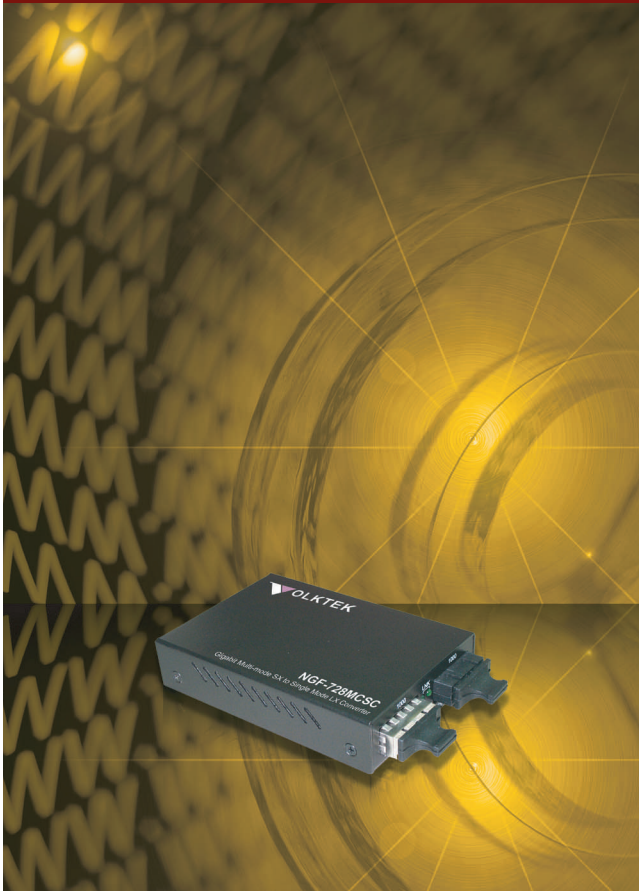


NGF-728 Gigabit Multi-mode SX to Single Mode LX Converter



Product Introduction & Benefits

The NGF-728 media converters are created to offer Gigabit Multi-mode SX to Single Mode LX conversion. These converters are cost-effective solutions capable of extending a Gigabit network by up to 80km. They are designed as “plug and go” solutions that sit transparently between networks. Their simplicity means reliability- just install then and forget about them.

This flexibility in cabling allows network managers to put fiber cables anywhere within a network without changing the arrangement of copper based Gigabit segments. Their compact size allows the converter to be easily deployed in any narrow desktop location or used in wall-mount installation 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 802.3z.
- Extended distances up to 80km (single to single mode)
- Compatible with all other Gigabit devices
- Available with SC and WDM Simplex SC single fiber connectors
- LEDs for link (LNK) and power (PWR)
- External power supply
- Chassis compliant (internal power supply)
- FCC Class A & CE approved

Ordering Information :

NGF-728MCMC :

Gigabit Multi-mode SX to Multi-mode LX Converter (SC/SC)

NGF-728MCSC :

Gigabit Multi-mode SX to Single Mode LX Converter (SC/SC)

NGF-728SCSC :

Gigabit Single Mode LX to Single Mode LX Converter (SC/SC)

NGF-728SCSC-40 :

Gigabit Single Mode LX to Single Mode LX Converter (SC/SC, 40km)

NGF-728SCSC-80 :

Gigabit Single Mode LX to Single Mode LX Converter (SC/SC, 80km)

(Produced to Order)

Specifications :

Standard :

IEEE 802.3z

Connector :

SC and WDM Simplex SC connectors

Wavelength :

850nm/1310nm

Cable :

Multi-mode	62.5/125 Microns
	50/125 Microns
Single Mode	9/125 Microns

Max. Distance :

Fiber:	220 meters (multi-mode 62.5/125)
	500 meters (multi-mode 50/125)
	10,000 meters (single mode)
	40,000 meters (single mode)
	80,000 meters (long haul single mode)

Unit LED :

PWR:	Illuminated for normal operation
LNK:	Illuminated when receiving link pulses from compliant devices

Delay :

Less than 5 Bit

Power :

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

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 NGF-728 series. The actual distances will depend on several factors including the quality of cables used and the terminal equipment employed.

