

10/100/1000 Mbps DUPLEX FIBER MEDIA CONVERTER

Part Number

NVL-MC-MM1G-SC

NVL-MC-SM1G-SC

Dimension (H x W x D)mm

70 x 94 x 25

DESCRIPTION

This Media Converter is 10/100/1000Mbps fast Ethernet converter. The converter mediates between a 10/100/1000Base-TX segment and a 1000Base-FX segment. It is primarily designed for large, higher speed/bandwidth demanding work groups that require expansion of the Ethernet network. It can extend the conventional 10/100M Ethernet or 1000M Ethernet from 275 m up to 20 km via the Fiber-optical Line (depends on the device). It is high performance, cost effective and flexible solutions for a wide range of applications in the field of LAN campus network.



FEATURES

- Provide one fiber duplex connector (SC) and one UTP connector (RJ45)
- Fully complies with IEEE802.3 10Base-T, IEEE802.3u 100Base-TX, IEEE802.2ab 1000Base-TX, IEEE802.3z 1000Base-FX standard
- Auto-detection of half/full duplex transfer mode for TX port
- Auto-negotiation of 10/100/1000Mbps rate and Auto-MDI/MDIX for TX port
- Provide switch configuration of half/full duplex transfer mode for FX port
- Extend fiber distance up to 550m for multi-mode fiber and 20km for single-mode fiber
- Compact size for easy installation and working with Media Chassis
- Easy-to-view LED indicators provides status to easily monitor network activity Internal power supply
- 1000Base-SX: 50/125 μ m or 62.5/125 μ m multi-mode fiber cable, up to 275/550m
- 1000Base-LX: 9/125 μ m single-mode fiber optic cable up to 20km (longer distance available as optional)
- 1000Base-T: 2-pair Cat5e/Cat6 UTP cable, up to 100 meters
- Back pressure flow control for full duplex IEEE802.3 X and half duplex.

APPLICATIONS

- Local Area Network (LAN)
- Enterprise Network
- Campus Network
- Wide Area Network (WAN)
- FTTX
- Point-to-point fiber networks.

