

M/GE-PSW-xX-01

Mini Gigabit Ethernet Media Converter

10/100/1000Base-T to 1000Base-SX/LX



M/GE-PSW-SX-01

Features

- Unit & Port LEDs allow for quick status information
- Auto-Negotiation
- Fixed Full-Duplex on fiber
- Auto-MDI/MDIX
- Fixed Link Pass Through
- Automatic Link Restoration

The Mini Media Converters provide a cost-effective method for integrating fiber optic cabling into a 10/100/1000 UTP environment. With its miniature size, the Mini offers a space saving alternative while it converts copper to fiber with the smallest footprint available in the industry.

Specifications

Standards	IEEE 802.3
Max Frame Size	untagged: 1632 bytes tagged: 1628 bytes
Status LEDs	PWR (Power): (below RJ-45) ON = Lit for normal operation FX-Link/Act (Fiber Link/Activity): (Upper Left on RJ-45) ON = Link; Flashing = Activity TX-Link/Act (Copper Link/Activity): (Upper Right on RJ-45) ON = Link; Flashing = Activity
Dimensions	Width: 1.8" [46 mm] Depth: 3.3" [85 mm] Height: 0.85" [22 mm]
Power	Consumption: 3.15 Watts Sources: Unit accepts 5 VDC to 28 VDC Wall Mount AC adapter: 12 VDC 400mA
Environment	Storage: -15 to +65 °C Operating: 0°C to 50°C Altitude: 0 – 10,000 feet Humidity: 5% to 95% (non-condensing)
Weight	2 lbs. [0.90 kg]
Compliance	Safety: Wall Mount Power Supply, UL Listed, C-UL Listed (Canada) FCC Class A, CISPR22/EN55022 Class A, EN55024, CE Mark
Warranty	Lifetime

Applications

- Connect Legacy Networking Equipment: Connect an existing 10/100 Mbps device to 1000 Mbps devices.
- Space Saving Design: Ideal for conversion locations where available space is limited or at a premium.

Ordering Information

M/GE-PSW-SX-01

10/100/1000BASE-T (RJ-45) [100 m/328 ft.]
to 1000BASE-SX 850nm multimode (SC)
[62.5/125 µm fiber: 220 m/722 ft.]
Link Budget: 7.0 dB [50/125 µm fiber: 550
m/1804 ft.]
Link Budget: 7.0 dB

M/GE-PSW-LX-01

10/100/1000BASE-T (RJ-45) [100 m/328 ft.]
to 1000BASE-LX 1310nm SM (SC) [10 km/6.2
mi.]
Link Budget: 10.5 dB

M/GE-PSW-LX-01(100)

10/100/1000BASE-T (RJ-45) [100 m/328 ft.]
to 1000BASE-LX 1310nm TX/1550nm RX
single fiber single mode (SC) [20 km/12.4 mi.]
Link Budget: 13.0 dB

M/GE-PSW-LX-01(101)

10/100/1000BASE-T (RJ-45) [100 m/328 ft.]
to 1000BASE-LX 1550nm TX/1310nm RX
single fiber single mode (SC) [20 km/12.4 mi.]
Link Budget: 13.0 dB

Optional Accessories (sold separately)

Wide Input (24 - 60 VDC) Power Supply

SPS-2460-SA

Stand-Alone Power Supply

Mounting Options

WMBM

Wall Mount Bracket for Mini

RMBM

Rack Mount Bracket for Mini Media Converters
in the RMS19-SA4-01 and/or E-MCR-05

Note: Long Haul SM and Single Strand SM are
available upon request.

**POWER
SUPPLY
INCLUDED**