

## 10/100/1000Base-TX to 1000Base-FX Multimode SC Fibre Media Converter (550m)

Part No.: SED-1000MSC(550m)

### PRODUCT DESCRIPTION

The Serveredge Gigabit Media Converter SED-1000MSC(550m) allows you to transparently connect your Gigabit Copper cabling system (10Base-T, 100Base-TX or 1000Base-T) with the fibre optic cabling system(1000Base-FX) . This media converter provides a long distance connection between legacy 10BaseT, 100BaseTX networks and the 1000Base Gigabit Ethernet networks.The SED-1000MSC(550m) incorporates advances features such as Auto-Negotiation, Auto-MDIX,Link Pass-Through, Fibre Fault Alert & loop back. This Unit can be used as a standalone unit or as a slide-in module in a Media Converter Chassis.

### PRODUCT SPECIFICATION

* PERFORMANCE	
Latency:	< 4.2 $\mu$ s (LIFO)
Throughput @ 100Base:	148,810 pps (64-byte packets)
Throughput @ 1000Base:	1,488,110 pps (64-byte packets)
FIBER INTERFACE, MULTIMODE MODELS	
Type:	Laser Diode
Wavelength:	850 nm nominal
Maximum Output Power:	- 4.0 dBm
Minimum Output Power:	- 9.5 dBm
Sensitivity:	-13.5 dBm
Maximum Input Power:	- 13.5 dBm
Link Power Budget:	4.0 dB
PHYSICAL CHARACTERISTICS	
Case dimensions:	110mm x 81mm x 23mm
Weight:	150 grams
ENVIRONMENTAL CHARACTERISTICS	
Operating Temperature:	32°F ~ 104°F (0°C ~ 40°C)
Storage Temperature:	-13°F ~ 158°F (-25°C ~ 70°C)
Relative Humidity:	10 ~ 90%, non-condensing
POWER	
External power adapter:	12 Volts DC; 600 mA
Power Consumption:	5 Watts Maximum

### PRODUCT FEATURES

- \* Built-In Twisted-Pair Port 10/100/1000Switch
- \* Auto-Negotiation RJ45 Connector with Auto-MDIX
- \* SC,ST,MTRJ or LC Connector
- \* LEDs for Functions, Links & Activity
- \* Link Fault Signaling For Use with Managed Switches
- \* 1024 Mac Address Capacity
- \* Store and Forward Architecture
- \* Singlemode Spans up to 12 Km
- \* Wall or Chassis Mountable
- \* Compliant to FCC part 15 Class A,CE Mark, CTick
- \* Lifetime Warranty

