

10/100/1000TX / 1000FX Media Converters

Application

The 300 series of 10/100/1000Mb media converters use fibre optics to extend the physical distance range of typical ethernet links.

Features:

- Auto select 10/100/1000TX
- Supports full-duplex or half-duplex, auto sensing
- Indicator LEDs for Link Loss, Transmission, Diagnostics & Data
- MTBF: > 50,000 hrs
- Stand alone or 2U Rack systems available

Specifications:

Speed	10/100TX / 100FX
Standards	IEEE802.3 10Base-T Ethernet IEEE802.3u 100Base-TX/FX Fast Ethernet IEEE802.3ab 1000 Base-T IEEE802.3z 1000 Base-SX/LX Gigabit Ethernet, IEEE802.1q, IEEE802.1p QoS, IEEE802.1d
Ethernet Port	RJ45
Fibre Port	SC Standard (ST, FC optional)
Wavelength	850nm, 1310nm, 1550nm
Time Delay	< 10us
BER	<1/1000000000
Power	220VAC 0.5A (internal power), <5W
Environment	Operating Temp: 0°C - 50°C Operating Humidity: 5% - 95% Storage Temp: -40°C - 70°C Storage Humidity: 5% - 95% non-condensing
Dimensions (mm)	Internal Power : 31 x 127 x 155mm Module Card : 25 x 113 x 78mm



Ordering Details

External Power Supply	Fibre	Wavelength	Range
OM310-GE/SX	MM	850nm	550m
OM310-GE/S10	SM	1310nm	10km
OM310-GE/S20	SM	1310nm	20km
OM310-GE/S30	SM	1310nm	30km
OM310-GE/S50	SM	1550nm	50km
OM310-GE/S80	SM	1550nm	80km

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