

WDM Media Converters

Application

The 500 series of 10/100/1000Mb media converters use a single fibre optic to extend the physical distance range of typical ethernet links.

Features:

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

Specifications:

Speed	10/100TX / 100FX	10/100/1000TX / 1000FX
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	DC5V (external power supply), <5W 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	External Power : 25 x 70 x 93mm Internal Power : 31 x 127 x 155mm	



Ordering Details

External Power Supply	Internal Power Supply	Speed	Fibre	Wavelength	Range
TA511/2-FE/S25	OM511/2-FE/S25	100Mb	SM	1310/1550nm	25km
TA511/2-FE/S40	OM511/2-FE/S40	100Mb	SM	1310/1550nm	40km
TA511/2-FE/S60	OM511/2-FE/S60	100Mb	SM	1310/1550nm	60km
TA511/2-FE/S80	OM511/2-FE/S80	100Mb	SM	1310/1550nm	80km
NA	OM511/2-GE/S10	1000Mb	SM	1310/1550nm	10km
NA	OM511/2-GE/S20	1000Mb	SM	1310/1550nm	20km
NA	OM511/2-GE/S40	1000Mb	SM	1310/1550nm	40km

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