

MEDIA CONVERTOR

Main features

- Complies with IEEE 802.3 10/100 Base-T standard.
- Complies with IEEE 802.3u 100 Base-TX/FX standards.
- Max. 2M buffer memory built in chip.
- Back pressure flow control for full/half duplex IEEE802.3X.
- Automatic identification of MDI/MDI-X cross-line.
- Auto negotiation for 10/100Mbps TP port speed.
- High-performance 1.4Gbps memory bandwidth.
- Transmission distance: Dual fiber multi-mode: 2km
Dual fiber single-mode: 25/40/60/80/100/120km
- Complies with FCC, 15 CLASS A and CE MARK.

Technical parameters:

- Standard Protocol IEEE802.3 10/100 Base-T standard
- IEEE 802.3u 100Base-TX/FX standard
- Connectors UTP RJ-45, SC/ST Fiber connector
- Operation mode Full /Half duplex mode
- Power supply 220V to Adaptor External 5V DC 1A
- Internal 110-265VAC 48VDC
- Temperature 0°C - 60°C
- Humidity 5% - 90%
- TP cable Cat5 UTP cable
- Fiber Multi-mode: 50/125, 62.5/125 or 100/140μm
- Single-mode: 8.3/125, 8.7/125, 9/125 or 10/125μm
- Dimensions External power supply: 26x71x94 (mm)
- Internal power supply: 40x110x140 (mm)
- Diagnostic and monitoring LED for the status of power, FX link, Tx link, FDX/COL, PWR, SD.



Fiber transmission features:

Product Model	Optical Wavelength	Optical power	Sensibility	Satiability
B1-3305/6	1310 nm	-19-14 dbm	-31 dbm	-12 dbm
B1-3301	1310 nm	-14-7 dbm	-34 dbm	-3 dbm
B1-3302	1310 nm	-9-5 dbm	-38 dbm	-3 dbm
B1-3303	1310 nm	-5-0 dbm	-38 dbm	-3 dbm
B1-3304	1550DFB	-5-0 dbm	-38 dbm	-3 dbm



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Order information:

Product Model	Description	Power supply	Packing	Gross Weight
B13305/6	10/100M multimode dual fiber 2km	150VAC~ 275VAC input US/UK/EU standard	Paper carton 34x30x60CM 34x30x30CM	0.55kg each (with adapter and container)
B1-3301	10/100M single mode dual fiber 30km			
B1-3302	10/100M single mode dual fiber 40km			
B1-3303	10/100M single mode dual fiber 60km			
B1-3304	10/100M single mode dual fiber 100km			

Application

