

Media Converter

MC Series

10/100M Media Converter



Description:

10/100Base-TX/FX Bridge Media Converter complies with IEEE802.3 and IEEE 802.3u Standards. MC series enables network managers to connect 10 Mbps and 100 Mbps twisted pair network segments and active equipment to fiber optic cabling more cost-effectively than ever. WDM Technology Combines Dual Fiber Cables into Single Fiber .Greatly save the Installation cost of Expensive Fiber Cable. Both a media and data rate converter, MC series features 10/100 auto-negotiation on the twisted pair port while the fiber port operates at 100 Mbps. MC series converters are ideal for any premises FTTD, LAN-to-LAN or LAN-to-WAN fiber networking applications.

Feature:

- Complies with IEEE802.3 and IEEE802.3u 10/100Base-TX and 100Base-FX 10/100Mbps and full/half duplex automatically configure in TP port
- MDI/MDI-X Auto Negotiation
- WDM Technology Combines Dual Fiber Cables into Single Fiber .Greatly save the Installation cost of Expensive Fiber Cable

Specifications

Standard	802.3 10B-T, 802.3u 100b-Tx&100b-Fx, 802.3x, 802.1.p
Wavelength	TX1310nm/RX1310nm or BIDI TX1310nm/RX1550nm; TX1550nm/RX1310nm
Fiber cable	8.3/125, 8.7/125, 9/125 or 10/125 single-mode 50/125, 62.5/125, 100/140 multi-mode
Connector	RJ-45 Jack and Fiber optic connectors: SC/ST/FC connector(Optional)
Cable Model and Length	Twisted pair Cat.5 UTP Cable: 100m
Buffer memory	1M Bits
Switching mechanism	Store &Forward
Bit Error Rate (BER):	< 1E-8
MAC Address and self-learning	1K
LED Indicators	POWER, FX, FX LINK/ACT, TX-100, TX LINK/ACT, FDX
Power supply	2A@+5V
Environment	Operating temperature:32 to 122F(0 to 60) Storage temperature : -4 to 140F (-20 to 70) Relative humidity: 5% to 90%
Size	26mm(H)x 70mm(W) x 95mm(D)
Emission	FCC/CE

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Ordering information

Product Type	TX nm	RX nm	Output Power dBm	RX-sensitivity dBm	Saturation Power dBm	Distance Km	Attenuation dB/Km	Number Of Fiber
BFD1101	1310	1310	-22~-12	-30	-3	2	2	Dual
BFD1102	1310	1310	-15~-8	-38	0	10	0.35	Dual
BFD1103	1310	1310	-15~-8	-38	0	20	0.35	Dual
BFD1104	1310	1310	-15~-8	-38	0	25	0.35	Dual
BFD1105	1310	1310	-8~-3	-38	0	40	0.35	Dual
BFD1106	1310	1310	-3~0	-38	0	60	0.35	Dual
BFD1107	1550	1550	-5~0	-38	0	80	0.25	Dual
BFD1108	1550	1550	-1	-38	0	100	0.25	Dual
BFD1109	1550	1550	1	-40	0	120	0.25	Dual
BFS1101	1310	1550	-15~-8	-36	0	25	0.35	Single
BFS1102	1550	1310	-8~-3	-36	0	25	0.25	Single
BFS1103	1310	1550	-3~0	-36	0	40	0.35	Single
BFS1104	1550	1310	-5~0	-36	0	40	0.25	Single
BFS1105	1310	1550	-3~0	-36	0	60	0.35	Single
BFS1106	1550	1310	-3~0	-36	0	60	0.25	Single