



# Media Converter

## GMC Series

### 10/100/1000M Gigabit Media Converter



#### Description:

GMC series comply with IEEE802.3E/ab Gigabit Ethernet standard. It supports two types of media for network connection such as 1000Base-T to 1000base-SX/LX and connects these two types of segments to operate smoothly. GMC series supports a variety of fiber optic, including multimode and single mode WDM Technology Combines Dual Fiber Cables into Single Fiber .Greatly save the Installation cost of Expensive Fiber Cable.

#### Feature:

- Complies with 1000Mbps switches and 1000Mbps NICs Cost-effective for budget user
- Extends network span from 550m (multimode fiber SX) up to 80km (Single mode fiber 80km)
- WDM Technology Combines Dual Fiber Cables into Single Fiber.
- MDI/MDI-X Auto Negotiation

#### Specifications

Standards	IEEE802.3E/ab 1000Base-T 1000Base-SX/LX
Wavelength	850nm(MM), 1310nm,1550nm(SM) OR TX1310nm/RX1550nm; TX1550nm/RX1310nm (BIDI)
Fiber cable	8.3/125, 8.7/125, 9/125 or 10/125single-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
LED Indicators	POWER, FX, FX LINK/ACT, TX-1000, TP LINK/ACT
Buffer Memory	1M Bits
Bit Error Rate	< 1E-8
TP	1000 FDX with MDI/MDI-X Auto Negotiation
FIBER	1000 FDX at AUTO or FORCE mode
Power Requirement	2A@5VDC
Ambient Temperature	Operating temperature: 32 to 122F(0 to 60 ) Storage temperature : -4 to 140F (-20 to 70 )
Humidity	5% to 90%
Dimensions	26mm(H) x70mm(W) x95mm(D)
Emission	FCC Class A & CE approved

## Ordering information

Product Type	TX nm	RX nm	Output Power dBm	RX-sensitivity dBm	Distance Km	Number Of Fiber
BFD1301	850/1310	850/1310	-17~-12	-20.0	0.55	Dual
BFD1302	1310	1310	-6~-12	-21.0	10	Dual
BFD1305	1310	1310	-3~-8	-23.0	20	Dual
BFD1303	1550	1550	-3~-0	-25.0	40	Dual
BFD1304	1550	1550	-1	-25.0	60	Dual
BFD1306	1550	1550	1	-27.0	80	Dual
BFS1305	1310	1550	-10~-5	-20.0	10	Single
BFS1301	1310	1550	-8~-3	-23.0	20	Single
BFS1303	1310	1550	-3~-0	-23.0	40	Single
BFS1307	1310	1550	-1	-25.0	60	Single
BFS1306	1550	1310	-10~-5	-20.0	10	Single
BFS1302	1550	1310	-8~-3	-23.0	20	Single
BFS1304	1550	1310	-3~-0	-23.0	40	Single
BFS1308	1550	1310	-1	-25.0	60	Single