

## Fiber Media Converter

# Fiber Managed Platform FIB1-1000MG

## Stand-Alone Gigabit Fiber Media Converter/ Repeater



The FIB1-1000MG is a multimode (850nm) to single mode (GBIC module) fiber optical media converter and repeater that allows data rates up to 1.25Gbps. The converter performs re-amplification and re-shaping of the optical signal. This converter is compatible with fiber interfaces such as FDDI, STM-1, STM-4, OC1, OC3, OC12, OC24, 1G fiber channel, fast and Giga Ethernet.

### Features

- Compatible with FRM301 Chassis for SNMP management
- Converts Single mode to Multi-mode or Multi-mode to Single Mode
- Extend Fiber Optic distance up to 550m / 1,815ft (Multi-mode)
- Extend Fiber Optic distance up to 120km / 75 miles (Single mode)
- Performs optical repeater function (Re-shape and re-amplify)

### Specifications

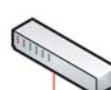
Data Rates	Transparent mode up to 1.25Gbps FDDI, 100Mbit Ethernet STM-1, STM-4 OC1, OC3, OC12, OC24 ESCON Fiber Channel Gigabit Ethernet
LEDs	PWR, MM Link, SM Link
Power	External AC adapter; 12VDC@ 1A
Environment	Temperature 0 — 50°C (Operating); 0 — 70°C (Storage) Humidity 20 — 80% non condensing (Operating); 10 — 90% (Storage)
Power Consumption	< 4W
Dimensions(WxDxH)	85.6mm x 122.6mm x 20mm
Weight	340g
Compliance	FCC part 15 class A, CE
MTBF	257063 Hours

### Ordering Info

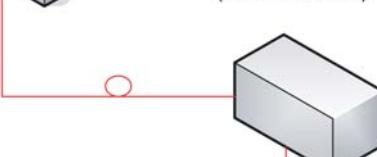
FIB1-1000MG	Fiber Media Converter, Multi-mode 850nm, 550m to GBIC, SC With AC power Adapter, 12VDC@1A
<b>GBIC Module Options</b>	
GBM-7000-S85	GBIC, MM, 850nm, 550m, SC
GBM-7000-L31	GBIC, MM, 1310nm, 2km, SC
GBS-7010-L31	GBIC, SM, 1310nm, 10km, SC
GBS-7040-H31	GBIC, SM, 1310nm, 40km DFB, SC
GBS-7050-X55	GBIC, SM, 1550nm, 50km, DFB, SC
GBS-7080-Z55	GBIC, SM, 1550nm, 80km, DFB, SC
GBS-7120-E55	GBIC, SM, 1550nm, 120km, DFB, SC
GBS-7010-WA	GBIC, BiDi, T1310/R1550nm, 10km, SC
GBS-7010-WB	GBIC, BiDi, T1550/R1310nm, 10km, SC
GBS-7020-WA	GBIC, BiDi, T1310/R1550nm, 20km, SC
GBS-7020-WB	GBIC, BiDi, T1550/R1310nm, 20km, SC
GBS-7040-WA	GBIC, BiDi, T1310/R1550nm, 40km, SC
GBS-7040-WB	GBIC, BiDi, T1550/R1310nm, 40km, SC
GBS-7060-WA	GBIC, BiDi, T1310/R1550nm, 60km, SC
GBS-7060-WB	GBIC, BiDi, T1550/R1310nm, 60km, SC

### Application

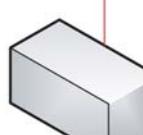
FE/ GE/ Fiber channel/  
STM-1.4.8  
OC-1.2...24



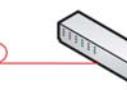
Single-mode to  
multi-mode  
media converter  
(FIB1-1000MG)



Transparent (up to 1.25G)



Single-mode to  
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STM-1.4.8  
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