

100-FX MULTI MODE to 100-FX SINGLE MODE SC MEDIA CONVERTER

Overview

The series BM-120 provide data transmission between multimode (850 nm and 1310 nm) and single mode (1310nm). The longest distance on the single mode fiber can reach 120km. Different wavelength on the multimode can be provided building the unit with SFP modules (LC connection)



Key Features

- Provides one port Multi-Mode with SC, ST fiber connector and one port Single-Mode SC fiber connector.
- LED Indication: PWR/Fiber A, Fiber B.
- Extended Single-Mode fiber optic distance up to 120 km
- 1024 MAC address.
- Standalone or mountable in a chassis : our **BM-1400R**

Specifications

Ethernet Standards	IEEE802.3 10BASE-T, IEEE802.3u 100BASE-TX, 100BASE-FX
LED Reports	Per Unit – Power *2, Fiber A, Fiber B
Cable	10Base-T 2-pair UTP Cat. 3, 4, 5, Up to 100 m (328 ft) 100BASE-TX 2-pair UTP Cat. 5, Up to 100 m (328 ft) 100Base-FX 62.5/125um Multi-Mode Fiber Optic cable, up to 2km 10/125um Single-Mode fiber Optic cable, up to 25 km
Forwarding Rate	14,880pps for 10Mbps; 148,800pps for 100Mbps
Power	DC 5V 1.2A External Power Supply
Operating Temp.	0 °C - 70 °C (32°F~158°F)
Storage Temp.	-25° - 70° (-13°F ~ 158°F)
Humidity	5% - 90% non-condensing
Emission & Compliance	CE & FCC, RoHS
Dimensions	30x112x14mm (2.75" x 4.41" x 5.55")
Warranty	3 year limited warranty

Ordering Information

BM-120MCC-20	100BaseFX (SC) to 100BaseFX SM, up to 20KM
BM-120MTC-20	100BaseFX(ST) to 100BaseFX SM, up to 20KM
BM-120MCC-(40/60)	100BaseFX(SC) to 100BaseFX SM, up to 40/60 Km (special order)
BM-120MTC-(40/60)	100BaseFX(ST) to 100BaseFX SM, up to 40/60 Km (special order)