

10/100/1000-TX to 1000-SX/LX MEDIA CONVERTER WITH SFP SLOT

Overview

BM-1100LC-SFP Gigabit Ethernet 10/100/1000Base-T to 1000Base-SX/LX converter from BSD is designed to fit the emerging deployment needs of optical fiber network. This converter allows you extend a copper based fast Network via fiber connection to a maximum distance 80KM. BM-1100LC-SFP is fully compliant with IEEE 802.3U & 802.3 standards. The installation & operation procedures of this converter are simple & straightforward. User can monitor the real time operation status easily via a set of LEDs located in the front panel.



Specifications

Access mode	10/100/1000Mbps Gigabit Ethernet to 1000Base-FX Converter
Standard	IEEE802.3 10Base-T Ethernet, IEEE802.3u 100Base-TX/FX Fast Ethernet, IEEE802.3ab 1000Base-T , IEEE802.3z 1000Base-SX/LX Gigabit Ethernet, IEEE802.1q VLAN, IEEE802.1p IEEE802.1d Spanning Tree
Transmission distance	1000Base Multi-mode: 2km (fiber size: 62.5/125µm)) 1000Base Single-mode: 20 up to 80km
Interface	One RJ45 connector +one expansion SFP Slot LC Connector
Delay	< 10µs
Bit error rate	<1/1000000000
MTBF	100,000 hours
LED	POWER (power), FX LINK (fiber link action), TP LINK1000 (twisted pair connection 1000M), TP LINK100 (twisted pair connection 100M), TP ACT (twisted pair packet forwarding action), FDX (Full –Half Duplex)
Power	110-265V external power supply DC5V 2A
Power consumption	5W
Operating temperature	0~60°C
Operating humidity	5%~90%
Storage temperature	- 40~70°C
Storage humidity	5%~90% (non-condensing)
Dimensions	22 x71x94 mm (HxWxD)

Ordering Information

BM-1100LC-SFP	Gigabit Ethernet 10/100/1000Base-T to 1000Base-SX/LX Converter (SFP Slot)
BSD-SFPGLC	SFP, 1.25Gbps, 1310nm, 3.3V 1000Base-FX MM 2 km SFP Module
BSD-SFPGLC-20	SFP, 1.25Gbps, 1310nm, 3.3V 1000Base-LX SM 20 km SFP Module (longer distance special order)