

EMU-1100-SSXX SFP to Ethernet Converter

The Transceiver converts 100/1000BASE-SX/LX/LH/EX/ZX - fiber to 100/1000Base-T copper media or vice versa. It is designed for use with 850nm multi-mode/1310nm single-mode/WDM - fiber cable utilizing the LC-Type connector, transmitting data up to 0.55 kilometers or 120 kilometers. What's more, the SFP to Ethernet Converter can work as a stand alone device (no chassis required) or with B&TON's 19" system chassis.

Features

- Works at 100/1000Mbps in Full-Duplex mode for both TX port and FX port
- Supports Auto MDI/MDIX for TX port
- Force /Auto transfer mode for FX port
- FX port support hot-swappable
- Extends -fiber distance up to 0.55/2km for multi-mode - fiber and 10/20/40/80/100/120km for single-mode - fiber
- Easy-to-view LED indicators provide status to monitor network activity easily
- USB Interface power supply

Specifications

Optical Interface	Connector	SFP LC/SC
	Data Rate	155Mbps, 1.25Gbps
	Duplex Mode	Full duplex
	Fiber	MM 50/125um,62.5/125um SM 9/125um
	Distance	155Mbps: MM 550M/2km,SM 20/40/60/80/100/120km 1.25Gbps: MM 550m/2km,SM 20/40/60/80km
	Wavelength	MM 850nm,1310nm SM 1310nm,1550nm WDM Tx1310/Rx1550nm(A side),Tx1550/Rx1310nm(B side) WDM Tx1490/Rx1550nm(A side),Tx1550/Rx1490nm(B side)
UTP Interface	Connector	RJ45
	Data Rate	10/100Mbps, 10/100/1000Mbps
	Duplex Mode	Half/full duplex
	Cable	Cat5,Cat6
	Adapter Type	USB Interface power supply
Power Input	Adapter Type	DC5V, optional(12V, 48V)

	Power Built-in Type	AC100~240V
Power Consumption		<3W
Weight	Adapter Type	0.39kg
	Power Built-in Type	0.67kg
Dimensions	Adapter Type	94*70.5*26.5cm
	Power Built-in Type	140.5*111*30cm
Temperature		0~50°C Operating; -40~70°C Storage
Humidity		5~95%(no condensing)
MTBF		≥10.0000h
Certification		CE,FCC,RoHS

Application

- Extend your Ethernet connection up to 0~120km away using fiber optics
- Creates an economical Ethernet-fiber/copper-fiber link for connecting remote sub-networks to larger fiber optic networks/backbones
- Converts Ethernet to fiber, fiber to copper/Ethernet, ensuring optimum network scalability for connecting two or more Ethernet network nodes (e.g. connecting two buildings on the same campus)
- Designed to provide high-speed bandwidth for demanding large scale work groups that require expansion of Gigabit Ethernet Network.

Product Picture



Order Information

Part Number	Description
EMU-100-SSXX	10/100Mbps, 1SFP slot and 1RJ45 port, supports 155Mbps Single/Dual Fiber, 0~120km SFP
EMU-1100-SSXX	10/100/1000Mbps, 1SFP slot and 1RJ45 port, supports 1.25Gbps Single/Dual Fiber, 0~120km SFP