








Fiber Media Converter EM-1100-SSXX

10/100/1000M, SFP, External Power Supply

SFP Fiber Media Converter

Key Features

-  High flexibility with hot plug-and-play SFP
-  1600byte super data packet transmission
-  Full duplex-flow control, Half duplex-back pressure
-  Link fault pass through (LFPT)
-  Full- positioned LEDs to indicate power and network status



Introduction

EM-1100-SSXX series Gigabit Ethernet SFP fiber media converters bridge the gap between copper and fiber infrastructures. The SFP fiber media converters are designed for maximum convenience for fiber to copper Ethernet conversion applications which require flexibility in transmission rates, working distances, and fiber network types which can be realized by simply changing the hot-plug-and-play SFPs.

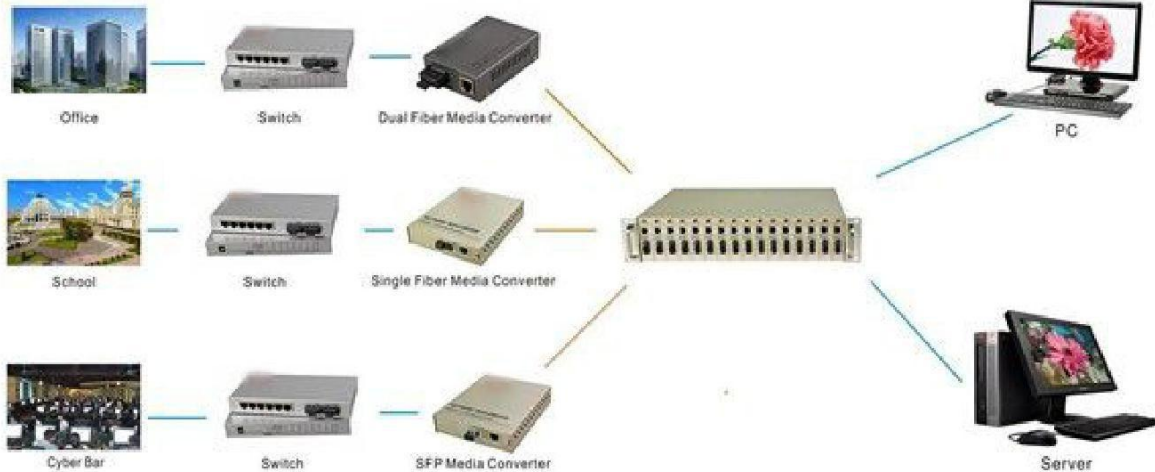
Specification

Standard	IEEE802.3 (10BASE-T), IEEE802.3u 100BASE-TX/FX (Fast-Ethernet), IEEE802.3z 1000BASE-SX/LX(Gigabit-Ethernet), IEEE802.3x (Flow Control), IEEE802.1q, IEEE802.1p QoS, IEEE802.1d Spanning Tree
10/100/1000BASE-T	STP or UTP Category 5/5e/6 cable (Max. 100m)
SFP	SX, LX, EX, ZX, EZX, and Bi-Di optical transceivers are available
Conversion Mode / Delay Time	Store-and-Forward < 10us, straight-through<0.9us
Flow control	Full duplex-flow control, Half duplex-back pressure
RJ-45 Port	Auto-MDI/MDIX
Fiber Connector	LC (duplex), LC/SC(simplesx)
Wavelength	1310/1550nm
Dimensions	70mm(W) x 93mm(D) x 25mm(H)
Weight	Net weight : 0.16kg; Gross weight : 0.42kg
Input Voltage	DC 5V1A with External power adapter
Power Consumption	<2.5W
MTBF	50,000 hours
BER	<1/1000000000
MAC Address Table	1K
Buffer Size	1M
Operating Temperature	0℃~50℃
Storage Temperature	-40℃~70℃
Storage Humidity	5%~90% non-condescending

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Application

-  Telecommunication Networks
-  Schools, Offices, Cyber Bars



Ordering Details

EM-1100-SSXX	10/100/1000M, Standalone, fiber media converter, with SFP slot but without SFP, internal power supply
EM-1100-SS-LC-SX	10/100/1000M, Standalone, fiber media converter, with SFP, multi mode, LC, 0.5km, external power supply
EM-1100-SS-LC-20	10/100/1000M, Standalone, fiber media converter, with SFP, single mode, LC, 20km, external power supply
EM-1100-SS-LC-40	10/100/1000M, Standalone, fiber media converter, with SFP, single mode, LC, 40km, external power supply
EM-1100-SS-LC-60	10/100/1000M, Standalone, fiber media converter, with SFP, single mode, LC 60km, external power supply
EM-1100-SS-LC-80	10/100/1000M, Standalone, fiber media converter, with SFP, single mode, LC, 80km, external power supply
EM-1100-SS-LC-100	10/100/1000M, Standalone, fiber media converter, with SFP, single mode, LC, 100km, external power supply
EM-1100-SS-LC-120	10/100/1000M, Standalone, fiber media converter, with SFP, single mode, LC, 120km, external power supply

***Above listed are most frequently ordered items. Please contact us for other configurations.**