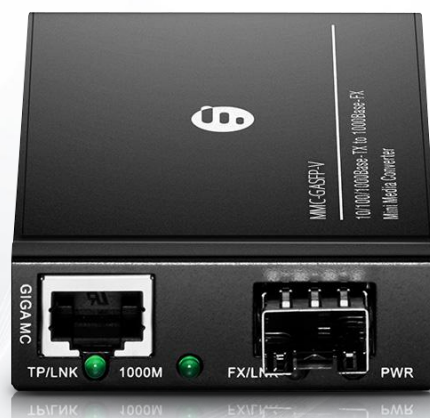


Mini Unmanaged Ethernet Media Converter Datasheet

EXCELLENT SOLUTION TO EXTENDING COMMUNICATION DISTANCE IN A NETWORK

Ideal for small office network environment of enterprises.



Overview

The Mini Unmanaged Gigabit Ethernet Media Converter extends communication distance with high performance of data transmission via fiber optic cable. It can build the ISP network solution of FTTH or FTTC for ISPs and FTTBs, or for small office network environment of enterprises.

The Mini Ethernet Media Converter can be used as a standalone unit when powered by its DC adapter or used in FS 12 Slots Mini Media Converter Chassis (MFMC-12DP). This media converter chassis can assist in producing power for the Mini Ethernet Media Converter.

Benefits

- Comply with IEEE 802.3/802.3u/802.3ab/802.3z Ethernet standard
- Support Link Fault Pass Through (LFP) and Automatic Laser Shutdown (ALS) function
- Prevent packet loss with back pressure and IEEE 802.3x pause frame flow control
- Support 9K jumbo frame size
- Support auto-negotiation, auto MDI/MDI-X and half/full duplex mode

Technical Specification

MMC-GASFP-V

Copper Interface	1x 10/100/1000Base-T RJ45
Fiber Optic Interface	1x 1000Base-X SFP
Duplex Mode	10/100Mbps for half/full duplex 1000Mbps for full duplex
Flow Control	Back pressure for half duplex mode IEEE 802.3x pause frame for full duplex mode
Jumbo Frame	9K
Input Voltage	DC 5-12V
Power Consumption	3W
Operating Temperature	0 to 40°C
Storage Temperature	-20 to 85°C
Relative Humidity	5% to 90%, non-condensing
MTBF	> 50,000~80,000 Hours
Dimensions (Hx Wx D)	0.79"x2.36"x3.54" (20x60x90mm)
Standards and Protocols	IEEE 802.3/802.3u/802.3ab/802.3z
Auto MDI/MDI-X	Y
Auto Negotiation	Y
LFP Function	Y
ALS Function	Y

Note: "Y" indicates that the Ethernet media converter supports the function.

DIP Switch Setting

NO	Function	Status	Description
1	LFP Function *	OFF	Disable
		ON	Enable
2	ALS Function (Only for SFP) **	OFF	Disable
		ON	Enable
3	FX Reset ***	OFF	Disable
		ON	Enable
4	FX Speed Set	OFF	FX 1000M
		ON	FX 100M/1000M

* LFP (Link Fault Pass Through) Function: If enabled, when a device is connected to the converter and the TP/fiber line loses the link, the converter's fiber will disconnect the link of transmit.

** ALS (Automatic Laser Shutdown) Function: If enabled, the output power of the SFP transmitter will be automatically shut down in case of fiber break.

*** FX Reset: If enabled, when FX link is down, the power will shut down, but a few second later the power will restart automatically.



 <https://www.fs.com>



The information in this document is subject to change without notice. FS has made all efforts to ensure the accuracy of the content, but all information in this document does not constitute any kind of warranty.