



**User Manual: LO-9500-G-SFP
10/100/1000M SFP Media Converter**

Version 10.2020

Key Features

- Complies with IEEE 802.3, IEEE820.3U, IEEE802.3ab, IEEE802.3E/AB standard, for 10M, 100M, and 1000M
- Up to 6 LED' s for status indication
- Support LFP Link Fault Pass through
- 2M memory buffer built in
- Supports full and half duplex Mode for 10/100M, and full duplex for 1000M
- Support low-delay time pure data transmission
- Support back pressure flow control for Half/Full duplex
- Supports auto MDI/MDI-X crossover detecting and auto correction.
- External power adapter 5VDC/1.0 A
- RoHS compliant

Front Panel

Please refer to the following description for the front panel



LED Definition

LED	Status	Operation
Power	On	Power is on
Link/Act (FP)	On	Fiber link port is connected
	Flash	Packets sending/receiving
Link/Act (TP)	On	TX port is connected
	Flash	Packets sending/receiving on TX port
FDX/Col	On	TX port Full duplex mode active
	Off	TX port Half duplex mode active
FX or SD	On	Fiber signal is detected
1000M	On	TX in 1000M speed
	Off	TX in 100M speed

Rear Panel

Please refer to the following description for the rear panel.



DIP Switch position and function

ON	OFF	FUNCTION
DIP1	DIP 4	LFP function is enabled by DIP 1 ON/DIP 4 OFF or DIP 1 OFF/DIP 4 ON, they have to be in reverse pair. Default setting is DIP 1 ON/DIP 4 OFF
DIP 4	DIP 1	
DIP2 DIP3		Pass through mode and enable jumbo frame
	DIP2 DIP3	Enable Store and Forward mode (Default)
DIP2	DIP3	Modified cut-through mode

Specifications

IEEE Standard	IEEE 802.3 for 10 BASE-T IEEE 802.3u for 100 BASE-TX/FX IEEE 802.3ab for 1000M BASE-TX IEEE 802.3E/ AN
Interface	10/100/1000M TX / 1000M FX SC/SFP fiber Fiber interface: SX/MM, LX/SM, 1000M SFP
Optical Specification	Depending on the SFP used
Network Speed	For TX - 10/100/1000 Mbps Auto-negotiation, For FX – 1000Mbps
Flow Control	IEEE802.3x flow control for full-duplex model Back- pressure flow control for half-duplex mode
Operating Temperature	0°C ~ 50°C
Operating Humidity	Operating: 10% ~ 90% RH, non-condensing Storage: 5%~95% RH, non-condensing
Storage Temperature	-40°C ~ 70°C (-40°F ~158°F)
Power Supply	AC 100~240V/50~60Hz. output 5V/1A Coaxial hollow plug type: OD: 5.5mm/ ID: 2.5mm
Case Dimension (L X W X D)	93 x 69.5 x 26 mm (L x W x D)
EMI	FCC, CE, RoHS