


TECHNICAL SPECIFICATION MC SC SM 10/100/1000M



Product Code: NTPL-FGSMC04-1310 / NTPL-FGSMC04-1550

- Supporting inter-conversion between 10/100/1000Base-TX and 1000Base-SX
- Supporting full-duplex and half-duplex and its auto-sensed
- Supporting automatic cross connection of twisted pair interfaces, facilitating system commissioning and installation
- Supporting the transmission of extra-long VLAN packets
- Supporting Quality of Service (QoS) and ensuring the transmission of VoIP packets;
- Supporting STP to form a redundant network

Features / Specifications

Access mode	10/100/1000Mbps		
Standard	IEEE802.3ab 1000Base-T , IEEE802.3z 1000Base-SX/LX Gigabit ethernet, IEEE802.1q VLAN, IEEE802.1p QoS, IEEE802.1d Spanning Tree		
Wavelength	1310/1550nm		
Transmission distance	Single-mode: 20~100km; Category-5 twisted pairs: 100m		
Port	One RJ45 port: For connecting STP/UTP category-5 twisted pairs One optical port: SM: SC/ST/FC (fiber size: 9/125µm)		
Conversion means	Media conversion,		
Delay	<10us		
BER	<10 ⁻⁹		
MTBF	100,000 hours		
LED indicator	PWR (power supply), FX LINK (optical link action), TP LINK1000 (twisted pair link 1000M) TP LINK100 (twisted pair link 100M), TP ACT (twisted pair packet forwarding)		
Power supply	DC5V 1A (external), AC220 0.5A/DC-48 (internal)		
Power consumption	<5W		
Operating temperature	-10~55° C		
Operating humidity	5%~90%		
Maintaining temperature	-40~70° C		
Maintaining humidity	5% ~ 90% non-condensing		
Dimensions	26mm (H) * 70mm (W) * 94 mm (D) (external power supply) 30mm (H) * 110mm (W) * 140 mm (D) (internal power supply)		
	NEPS Technologies Private Limited Suit No. 95, 3rd Floor 209, AJC Bose Road' Kolkata-700017 Contact No. # +91 33 32904300 / 22800401 E mail sales@nepstech.co.in Website : www.nepstech.co.in		
	Data Sheet No : NTPL/DS/MC/02	Rev : 0	Date : 25.04.2016