Technical Data Sheet
20KM Single Mode 10/100/1000 Media Converter

PRODUCT CODE

NTPL-FGSMC1310 / NTPL-FGSMC1550

Features

- 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

Technical Specifications:

Access mode	10/100/1000Mbps
Standard	IEEE802.3ab 1000Base-T , IEEE802.3z 1000Base-SX/LX Gigabit thernet,IEEE802.1qVLAN,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 link1000M) 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	-10~55º C
Operating humidity	5%~90%
Maintaining temperature	-40~70º 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)

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