C-MCC1MSM20
10/100Base-TX (RJ-45) to 100Base-LX (SC) SMF
1310nm 20km Media Converter Card

ProLabs

Features

- Auto-adaptation 10Mbps and 100Mbps, convenient for network updating.
- With famous brand optical-electronic-integration module providing excellent optical and electrical properties to ensure reliable data transmission and long working life
- Supporting broadcast filtering, address auto-learning and auto-updating, and store-and-forward operating mechanism.
- Supporting full-duplex flow control or half-duplex backpressure working pattern, along with Auto-negotiation.
- Single RJ-45 electrical port NIC/HUB, auto cross-identification, link to computer network cards, switches or HUB
- Supporting switches to cheese between 10/10Mbps store-and forward and straight-through transmission pattern (distinct).
- With more than 50,000 hours MTBF, complying with telecom operating standard.
- Ultra low power dissipation (<2.5W, Input: AC140 ~ 260V), low heat, and long stable work.
- Supporting choosing optical ports from multimode (MM), single mode (SM).
- Supporting 2U chassis (16 slots) and standalone use

Product Description

This is a media converter card that converts a 10/100Base-TX(RJ-45) to 100Base-LX(SC) via a 1310nm single-mode fiber (SMF) SC connector, which allows distance reach up to 20km. It provides a cost-effective conversion from 10/100Base-TX(RJ-45) to 100Base-LX fiber, while extending the network reach beyond the 100m reach limitation of copper. This device can be managed if used in our managed rack system or unmanaged with our unmanaged rack system or standalone chassis enclosure. Our media converters are 100% compliant for all of our networking needs. Now you have a cost-effective solution to your network upgrade needs.

Specifications

Parameter	Media Converter Card
Access Method	10/100Mbps
Standard	IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.1q, IEEE802.1p, IEEE802.1d
Wavelength	1310nm
Distance	Single Fiber SM: 20km CAT5: 100m
Conversion Method	Media Conversion, Store-and-Forward/straight through
Mac Address Table	1K
Buffer Size	1Mbit
Flow Control	Duplex: Flow control; Half duplex: back pressure
Time Delay	Store-and-Forward: 9.6µs
BER	<1/1000000000
LED Indicator Lamps	TP 100, FX100, FX LiNK/ACT, TP LINK/ACT, FDX, Power
Power Supply	DC5V 1A (external power), AC220 0.5A/DC-48 (internal power)
Power Dissipation	2.5W
Operating Temperature	0~50°C
Humidity	5%~90% non-condescending
Storage Temperature	5%~90%