TYPE: Sepitam-MC21G-DSFR

One Port 10/100/1000Mbps Series



Introduction

We create a network back bone device in order to use in Giga bit Ethernet transmission. This converter **Sepitam-MC21G-DSFR** used for Optical-Electric Ethernet signals between 10/100/1000 Mbps UTP interface (TX) and 2*1000Mbps SFP modules (FX). Accordingly, multimode, single mode up to 80 km or more can supported by this equipment. The media converter takes advantage of intelligent connection technology to provide auto-negotiation thereby eliminating the need to manually configure or monitor settings.

Features

- plug and play designing
- compatible with IEEE 10/100Base-TX, IEEE 802.3ab 1000Base-T and IEEE 802.3z 1000Base-SX/LX standards
- Auto negotiation function allows UTP ports to auto select 10/100/1000M and Full Duplex or Half Duplex
- Available in single fiber WDM versions - 1310/1550 nm wavelengths used
- Supports automatic cross of twisted pair ports
- LED supported for link failure indication and status in order to better monitoring.

Technical parameters

Parameters	Specifications
Standards	IEEE802.3z 1000Base-SX/LX , IEEE802.3ab 1000Base-T Gigabit Ethernet IEEE802.3u,100Base-TX, IEEE 802.3 10Base-T
Wavelength	Multi-mode: 850 nm Single-mode: 1310 nm, 1550 nm
Transmission Distance	Fiber: Multi-mode: 550 m (fiber size: 50/125 µm) Single-mode: 10/20/50/80 km (fiber size: 8.3/125, 8.7/125, 9/125 or 10/125 µm) UTP: Cat. 5e or Cat. 6: 100 m
Port	Fiber (FX) SFP, RJ45(wire network)
MDI/MDI-X	Auto selection
LED Indicator	PWR: Illuminated for normal operation ALM: Illuminated when failure occurs on fiber or copper link LNK/ACT: Fiber link – Illuminated when receiving link pulses from compliant devices, Flashing when data packets are being transmitted/ received
Power input	5 V DC 2 A
Operating Temperature	-10 °C to +60 °C
Storage Temperature	-20 °C to +75 °C
Storage Humidity	5% to 90% (non-condensing)

Technical Specification of

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