Media Converters

Optical Ethernet Media Converter

Overview:

FES Optical to Ethernet media converter is a 10/100m SC Connector Single Mode 1310/1550nm 20/40/60KM Fiber Media Converter. Its steady and reliable performance, design in accordance with Ethernet standard and lightning protection, it is particularly applicable to a wide range of fields requiring a variety of broadband data network and high-reliability data transmission or dedicated IP data transfer network, such as telecommunication, cable television, railway, military, finance and securities, customs, civil aviation, shipping, power, water conservancy and oilfield etc, and is an ideal type of facility to build broadband campus network, cable TV and intelligent broadband FTTB/FTTH

Technical Specifications:

Header :
Brand : FES
Product Line : Forever Engineering Systems Pvt. Ltd.

Features:
• Details of functions : Optical to Ethernet Coverter (Single Mode-8/125,10/125um)
• Number of ethernet ports: 1xRJ45 (2 or 4 Optional)
• Eth port Tx rate (Mbps): 10/100/1000
• Number of optical ports (SC): Single / Dual Fiber
• Optical port Tx rate: : 1000 Mbps
• Optical port wavelength : SC, 1310/1550nm
• Optical power Tx (dBm): -8 to +5
• Receiving sensitivity (dBm): Up to -24
• Transmission range (KM): 20/40/60/80
• Operating voltage : AC 220V or DC +5V
• Power consumption (Watt): Less than 3
• Other Features: Perfectly compatible with IP Version 4&6 both
• Console/USB : NA
• Protocol : IEEE802.3x, MDI/MDIX, Full/half duplex supported
• Accessories : Media Converter & Adopter only

CORPORATE OFFICE

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Operation Mode:

- **Full/half duplex supported**

Working Environment:

- **Operating Temperature: 0°C to +50°C**
- **Storage Temperature: -20°C to +70°C**
- **Humidity: 5% to 90%**

Other Specifications/Protocols

- **10/100/1000M Adaptive Fast Ethernet/Gigabit Ethernet Optical Media Converter**
- **Ethernet standards IEEE802.3 & IEEE802.3u**
- **10/100 Base-T, 100/1000 Base-T, 1000 Base-FX**
- **10/100/1000M adaptive with support for automatic inversion of MDI/MDIX**
- **IEEE802.3x and collision base backpressure supported**
- **Single-Mode : 8.3/125, 8.7/125um, 8/125,10/125um**
- **Multi-Mode : 50/125, 62.5/125um (Optional**
- **Wavelength : Single Mode : 1310/1550nm**

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