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Technical Specification

100M/1000M SFP Media converter



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● General Description

SFP media converter is an Ethernet media converter that converts media transmission between UTP Copper cables and fiber SFP (Small Form-Factor Pluggable) transceiver. It is designed to meet the massive needs for Ethernet network deployment and able to extend a copper based network via fiber cable to a maximum distance up to 120km. It can be installed into a Standard Converter Chassis. The installation & operation procedures are simple & straight forward. Operation status can be locally monitored through a set of Diagnostic LED located in the front panel.

● Features

- 100Base-TX/FX or 1000Base-T to 1000BASE-SX/LX Converter
- standard : IEEE802.3 & IEEE802.3u, IEEE 802.3z & 802.3ab
- S* Interface: 1 x RJ-45 connector / 1 x SFP Slot
- Plug-and-Play installation
- Support Jumbo Frame (64-9216 Byte)
- Conversion between different transmission speeds and media types
- Standalone type or card type ,Can be installed into 2U 14/16 Slots chassis
- Auto-negotiating Ethernet port(Half/Full Duplex)
- Easy Installation, Easy Trouble shooting
- Dimension: 229x122x50mm for packing, 94x70.6x26.5mm for device



● Application

- Extend your Ethernet connection up to 0~120km away using fiber optics.
- Creates an economical Ethernet-fiber/copper-fiber link for connecting remote sub-networks to larger fiber optic networks/backbones.
- Converts Ethernet to fiber, fiber to copper/Ethernet, ensuring optimum network scalability for connecting two or more Ethernet network nodes (e.g. connecting two buildings on the same campus).
- Designed to provide high-speed bandwidth for demanding large scale work groups that require expansion of Ethernet Network.
- Bad industrial environment or high requirements for Lightning protection
- Intelligent transportation supervisory system(ITS) and safe city
- High-speed way supervisory/Tele-communication system, IP network camera

- Security surveillance system for large corporations, multifunction network system
- Long-distance multimedia schooling/ campus surveillance, long-distance broadcast television transmission system

● Product Pictures



● Order Information

Part Number	Description
jf950SFP-F E	10/100M Ethernet to fiber media converter with 1 FE SFP Slot (without SFP transceiver installed inside)
JF950SFP- GE	10/100/1000M Ethernet to fiber media converter with 1 GE SFP Slot (without SFP transceiver installed inside)