Gigabit Ethernet Converter 1 Tx port &1 SFP slot

1. Overview

This series converters are designed to meet the massive needs for Gigabit network deployment and able to extend a copper based Gigabit network via fiber cable to a maximum distance up to 80KM.

This series converters are fully compliant with IEEE802.3z & 802.3ab standards. It can be installed into a Standard Converter Chassis. The installation & operation procedures are simple & straightforward. Operation status can be locally monitored through a set of Diagnostic LED located in the front panel.

Features

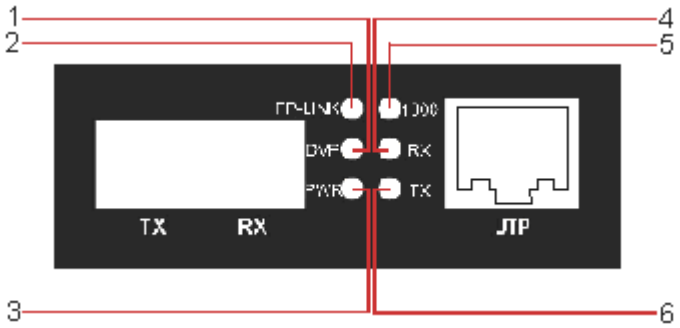
- 1000Base-T to 1000BASE-SX/LX Converter
- Standard : IEEE 802.3z & 802.3ab
- Interface: 1 x RJ-45 connector
- 1 x SFP Slot
- MDI/MDIX Auto-Crossover supported
- LED: Power , DUP,FP-LINK,RX,1000,TX
- Plug-and-Play installation
- Support Link Alarm
- Support Jumbo Frame (64-9216 Byte)
- Support Voltage Monitor

2. Installation

• Attach fiber cable from the SFP transceiver installed in the converter to fiber network. The fiber connections must be matched – transmit socket to receive socket.

• Attach a UTP cable from the 1000BASE-T network to the RJ-45 port on the converter.

• Connect the power adapter to the converter and check that the Power LED lights up. The TP-Link and RX LEDs will light up when all the cable connections are satisfactory.



3. LED Description

LED	function	status	Description
DUP	UTP port duplex LED	ON	Full duplex
		OFF	Half duplex
FP-LINK	Fiber port link/action status LED	ON	Fiber link is ok.
		OFF	Fiber link is fail.
PWR	Power LED	ON	Power is ON.
		OFF	Power is Fail.
RX	UTP port link/action status LED	ON	The TP link in ok
		Blink	Data is been received or transmitted
		OFF	The TP link in fail
1000	UTP port speed LED	ON	1000M speed
		OFF	100M speed
TX	UTP port link/action status LED	ON	The data send out

4. Technical Specifications

1000Base-T to 1000Base-SX/LX Media Converter With SFP Slot

1. Standard Protocol: IEEE802.3 10 Base-T standard
   IEEE 802.3u 100Base-TX/FX standard
2. Connector:one RJ-45connector,one SFP slot
3. Operation mode: full duplex mode or half duplex mode
4. Power supply parameter: outside: 5V DC 1A
5. Environmental temperature: 0℃-60 ℃
6. Relative humidity: 5%-90%
7. TP cable: Cat5 UTP cable

8.Fiber :50/125,62.5/125um multi-mode fiber ; 9/125,10/125um single-mode fiber.

9. Dimensions:

External power supply: 26mmx 71mm x 94mm

5.Cautions:

1. This product is suitable for indoor application.
2. Put on the dust cover of fiber interface when not used.
3. It is forbidden to stare at the TX fiber-transfer end with naked eyes.

6.Copyright Statement

7.FCC Warning

This series converters have been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These standards are designed to provide reasonable protection against harmful interference when these devices are operated in a commercial environment. These devices generate, use, and can radiate radio frequency energy and may cause harmful interference to radio communications unless installed in accordance with this User's Guide. Operation of these devices in a residential area is likely to cause harmful interference which will make the user responsible for the appropriate remedial action at his / her own expense.

8.CE Mark Warning

These are Class A products. In a domestic environment these products may cause radio interference in which case the user will need to consider adequate preventative methods.

9. Order Information

Description	Part number
10/100M Ethernet to fiber media converter with 1 FE SFP Slot (without SFP transceiver installed inside)	6C-300A
1000M Ethernet to fiber media converter with 1 GE SFP Slot (without SFP transceiver installed inside)	6C-GE-SFP-A
10/100/1000M Ethernet to fiber media converter with 1 GE SFP Slot (without SFP transceiver installed inside)	6C-400A