

ST-100-11-SFP

Fiber Media Converter 1 x 10/100M UTP + 1 x SFP

Overview

This series is a Ethernet media converter that converts media transmission between TP copper cabling and fiber SFP (Small Form-Factor Pluggable) Transceivers. The copper-to-fiber module is available in 10/100Mbps Ethernet types, allowing seamless integration between Fast Ethernet networks using unshielded twisted pair (UTP) copper cabling, and 100M fiber networks.

Introduction

- 10/100M auto-negotiation
- Fiber port SFP hot-swap
- Excellent compatibility, user can choose SFP module freely
- 3-year warranty

Feature

- Conversion between different transmission speeds and media types
- Standalone and compact hardware design
- Auto-negotiating Ethernet port (Speed and Half/Full Duplex)
- Auto-crossover Ethernet port (Supports Auto MDI/MDI-X)
- Standard open Fiber slots for SFP Transceiver
- The transmission of extra-long packets over VLAN
- Easy-to-view LED indicators provides status to easily monitor network activity
- Voltage supervisor
- RoHS Compliant



Technical Specifications

Parameter	Specifications
Access mode	10/100Mbps Ethernet
Standard	IEEE802.3 10Base-T Ethernet, IEEE802.3u 100Base-TX/FX Fast Ethernet, IEEE802.3ab 1000Base-T , IEEE802.3z 1000Base-SX/LX Gigabit Ethernet, IEEE802.1q VLAN, IEEE802.1p QoS, IEEE802.1d Spanning Tree
Wavelength	Any wavelength according to the chosen SFP modules
Port	1 RJ45 connector, connected to STP/UTP category-5 twisted pair 1 SFP Port
Conversion mode	Medium conversion, storing and forwarding
MAC address table	1 K
Buffer space	1Mbit
Flow control	Full duplex state: flow control; half duplex state: back pressure mode
Delay	9.6us
Bit error rate	<1/1000000000
MTBF	100,000 hours
LED	POWER (power), FX LINK (fiber link action), TP LINK100 (twisted pair connection 100M), TP ACT (twisted pair packet forwarding action)
Power	DC5V 2A
Power consumption	5W
Operating temperature	0 ~ +60°C
Operating humidity	5%~90%
Storage temperature	0 ~ +60°C
Storage humidity	5%~90% (non-condensing)
Dimensions	26mm (H) * 70mm (W) * 94 mm (D) (external power supply)