



10/100/1000M, Single Fiber, SC, External Power Supply

Fiber Media Converter

Key Features

- ✦ Wavelength Division Multiplexing (WDM), Tx and Rx on 1 fiber
- ✦ 1000BASE-FX FIBER to 10/100/1000BASE-T COPPER Ethernet conversion
- ✦ 1900byte super data packet transmission
- ✦ Full duplex-flow control, Half duplex-back pressure
- ✦ Full-positioned LEDs to indicate power and network status
- ✦ Available for 14slots rack



Introduction

TopX OPTC60-20KM Gigabit Ethernet media converters, featuring 1-fiber transmission with Wavelength Division Multiplexing (WDM) technology, utilize fiber optics to extend the physical distance range of typical Ethernet link to 20km. It's often applied in school, cyber bars, offices, and telecommunication networks.

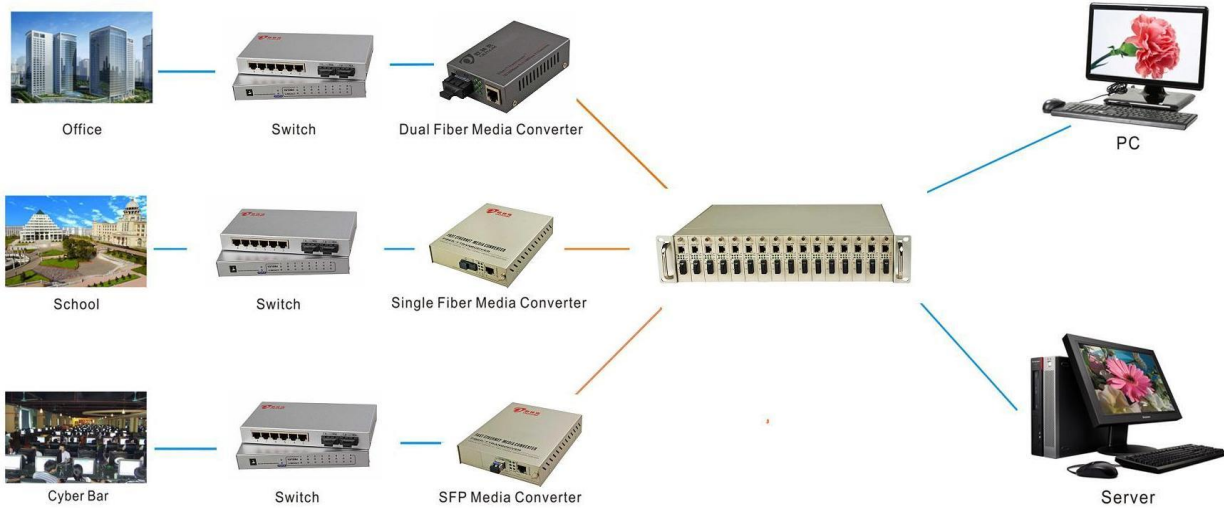
Specification

Standard	IEEE802.3 (10BASE-T), IEEE802.3u 100BASE-TX/FX (Fast-Ethernet), IEEE802.3z 1000BASE-SX/LX (Gigabit-Ethernet), IEEE802.3x (Flow Control),
10/100/1000BASE-T	STP or UTP Category 5/5e/6 cable (Max. 100m)
1000BASE-FX	9/125um single mode fiber cable (20km)
Conversion Mode / Delay Time	Store-and-Forward < 10us, straight-through<0.9us
Flow control	Full duplex-flow control, Half duplex-back pressure
RJ-45 Port	Auto-MDI/MDIX
Fiber Connector	SC
Wavelength	1310nm/1550nm
Dimensions	70mm(W) x 93mm(D) x 25mm(H)
Weight	Net weight : 0.16kg; Gross weight : 0.42kg
Input Voltage	DC 5V2A with External power adapter
Power Consumption	<2.5W
MTBF	50,000 hours
BER	<1/1000000000
MAC Address Table	4K
Buffer Size	128K
Operating Temperature	0°C~50°C
Storage Temperature	-40°C~70°C
Storage Humidity	5%~90% non-condensing

Fiber Media Converter OPTC60-20KM

Application

- Telecommunication Networks
- Schools, Offices, Cyber bars



Ordering Details

OPTC60-20KM	10/100/1000M, Standalone, Single fiber, Single mode, SC, 20km, external power supply
OPTC60-40KM	10/100/1000M, Standalone, Single fiber, Single mode, SC, 40km, external power supply
OPTC60-60KM	10/100/1000M, Standalone, Single fiber, Single mode, SC, 60km, external power supply
OPTC60-80KM	10/100/1000M, Standalone, Single fiber, Single mode, SC, 80km, external power supply
OPTC60-100KM	10/100/1000M, Standalone, Single fiber, Single mode, SC, 100km, external power supply
OPTC60-120KM	10/100/1000M, Standalone, Single fiber, Single mode, SC, 120km, external power supply

*Above listed are most frequently ordered items. Please contact us for other configurations.