

# DATA SHEET

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## Unmanaged Fast Ethernet Mode Converter

Tx1310nm/Rx1550nm Multimode 2km  
To Tx1550nm/Rx1310nm Singlemode 20km

### Overview

Fast Ethernet Mode media converter can be used for Fast Single mode to Multi mode conversions. Available in all type distances and fiber types, including the WDM.

It is designed to fulfill optical signal transparent transmission through medium between single-mode fiber and multi-mode fiber, or it can also extend single-mode transmission distance, according to any agreement between different dates

### Features

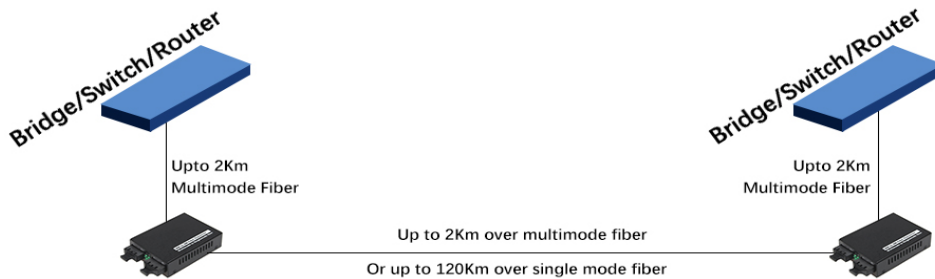
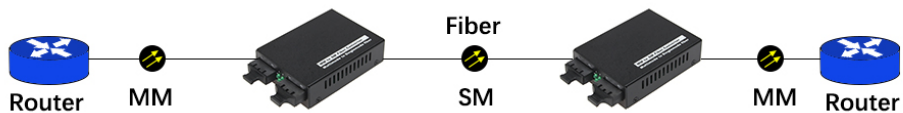
- Compliant with IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x
  - Supporting single fiber by double directions transmission;
  - According to any agreement between different dates.
  - Fulfilling medium convert between single-mode fiber and multi-mode fiber or extending fiber transmission distance, the wave length may be 850nm、1310nm or 1550nm.
  - Supporting medium convert 100M Ethernet, or extending transmission distance.
  - The longest transmission distance of multi-mode is 2KM; The longest transmission distance of single-mode is 120KM.
  - WDM single fiber versions are available
  - As optical receiving and sending model with good optical character, electrical character, date transmits steady, and it can work for long time..
  - External power supply
  - Low EMI Metal casing
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- Reliable and stable performance
- Free fall, Shock and Vibration Stability

## Application

- Network Communication
- FTTH / FTTB / FTTx
- ISP Backhaul Networking



Technical Indexes	
Form Factor	Gigabit Ethernet Fiber Mode Converter
Data Rate	100Mbps
Fiber Interface	1x 100Base-FX to 1x 100Base-FX
Standards and Protocols	IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x
Wavelength	Tx1310nm/Rx1550nm to Tx1550nm/Rx1310nm
Media	MMF to SMF
Reach	2km to 20km
Device Type	Unmanaged
Connector	Fx to FX
Optical Components	100Base-FX to 100Base-FX
Operating Temperature	0°C~55°C

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Application	Network Communication FTTH / FTTB / FTTx ISP Backhaul Networking
LED	TX LINK, FX LINK, TX ACT, FX ACT, PWR, FDX
Safety & Emission	CE , FCC, RoHS
Dimensions	94mm x 70mm x 26mm
Gross Weight	External : 0.4kg Internal: 0.5kg

## Mechanical Dimensions

