

# DATA SHEET

BUY ON

**www.cablematic.com**

## Unmanaged Gigabit Ethernet Mode Converter

850nm to 1310nm Multimode to Singlemode 550m to 20km



### Overview

WAREX WG08M05-13S20 Gigabit 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

---

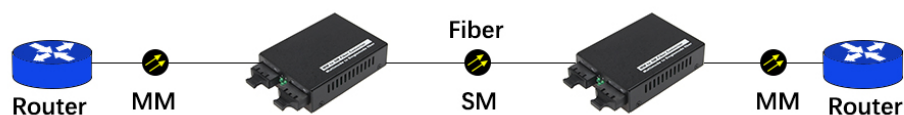
# DATA SHEET

## Features

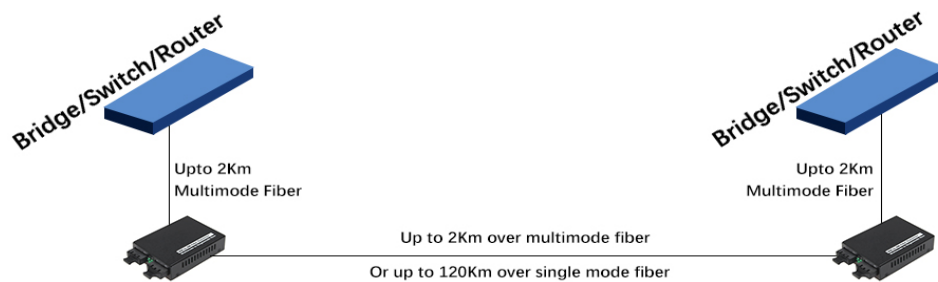
- Compliant with IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x
- Supporting single fiber by double directions transmission;
- According to any agreement between different dates.
- Fulfilling medium convert between single-mode fiber and multi-mode fiber or extending fiber transmission distance, the wave length may be 850nm、1310nm or 1550nm.
- Supporting medium convert 1000M 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
- Reliable and stable performance
- Free fall, Shock and Vibration Stability

## Application

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



# DATA SHEET



Technical Indexes	
Form Factor	Gigabit Ethernet Fiber Mode Converter
Data Rate	1000Mbps
Fiber Interface	1x 1000Base-FX to 1x 1000Base-FX
Standards and Protocols	IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x
Wavelength	850nm to 1310nm
Media	MMF to SMF
Reach	550m to 20km
Device Type	Unmanaged
Connector	Fx to FX
Optical Components	1000Base-FX to 1000Base-FX
Operating Temperature	0°C~55°C
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

# DATA SHEET

