

UM-GASFP Unmanaged Ethernet Media Converter Datasheet

Flexible and Reliable Network Distance Extension Solution.



Overview

The Unmanaged Gigabit Ethernet Media Converter provides conversion between 10/100/1000Base-T and 1000Base-X. It is an ideal solution to extend the distance of an existing network, the distance of non-fiber based equipment, or the distance between two devices. It can build the ISP network solution of FTTH or FTTC for ISPs and FTTBs, or for small office network environment of enterprises.

Benefits

- Store and Forward mechanism
- Auto-negotiation and auto-MDI/MDI-X supported
- IEEE 802.3x full-duplex flow control and back-pressure in half-duplex eliminate the loss of packets

Specification

	UM-GASFP
Copper Interface	1 x 10/100/1000Base-T RJ45
Fiber Optic Interface	1 x 1000Base-X SFP
Jumbo Frame	9K
Max. Power Consumption	3W
Input Voltage	DC 5V
Flow Control	Back pressure for half duplex mode IEEE 802.3x pause frame for full duplex mode
Quality Certification	FCC, CE, RoHS, WEEE
Operating Temperature	0 to 50°C
Storage Temperature	-20 to 85°C
Relative Humidity	90% max, non-condensing
Cable	Twisted-pair: Cat5e Ethernet cable Fiber Optic: MM: 50/125 μm or 62.5/125 μm fiber optic cable SM: 9/125 μm fiber optic cable
Speed	Twisted-pair: 10/100Mbps for half/full duplex 1000Mbps for full duplex Fiber Optic: 1000Mbps for full duplex
Standards and Protocols	IEEE 802.3, 10Base-T IEEE 802.3u, 100Base-TX IEEE 802.3ab, 1000Base-T IEEE 802.3z, 1000Base-SX/LX IEEE 802.3x Full-duplex flow control
Dimensions (Hx Wx D)	1.02"x 2.76"x 3.74" (26x70x95mm)



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