Media Converter

GMC Series

10/100/1000M Gigabit Media Converter
(One Fiber Ports and Two UTP Ports)

Description:

GMC series comply with IEE802.3E/ab Gigabit Ethernet standard. It supports two types of media for network connection such as 1000Base-T to 1000base-SX/LX and connects these two types of segments to operate smoothly. GMC series supports a variety of fiber optic, including multimode and single mode WDM Technology Combines Dual Fiber Cables into Single Fiber .Greatly save the Installation cost of Expensive Fiber Cable.

Feature:

1. Support 10/100/1000Base TX to 1000Base FX　can be connected to relational networking equipments.
2. Supports 802.3x flow control for full-duplex ports and backpressure for half-duplex ports, efficient built in switching core ,to implement flow control and reduce broadcast packets.
3. Supports comprehensive types of fiber with different distances and connections, including SC/Bidi ST and so on.
4. The selection of multiple types of fiber ports such as dual-fiber multi-mode, dual fiber single mode and single fiber single mode.
5. Supports auto mode on the TP port.
6. Automatic identification of MDI/MDI-X cross line.
7. High-performance1.4Gbps memory bandwidth.
8. In conformity to safety code of FCC and 15 CLASS A and CE MARK.
9. RoHS Compliance.

Specifications

1. Standard Protocol: IEEE802.3 10 Base-T standard

     IEEE 802.3u 100Base-TX/FX standard

     IEEE802.3ab 1000Base-T

2. Connector: Two RJ-45 connector, one SC/ST fiber connector .
3. Operation mode: full duplex mode or half duplex mode
4. Power supply parameter: outside: 5V DC 1A

     built-in: 110-265V AC   48VDC

5. Environmental temperature: 0 -60
6. Relative humidity: 5%-90%
7. TP cable: Cat5 UTP cable
8. Fiber :50/125,62.5/125um multi-mode fiber ; 9/125,10/125um single-mode fiber.

Feature	Detailed Description
Power Characteristics	Requirement :1A@+5VDC above Consumption Max. up to 3W
Ambient Temperature	0°C ~ 50°C
Humidity	5 ~ 90
Dimensions	26.2(H) x 70.3(W) x 94(D) mm
Weight	0.45kg(include package)
EMI	Comply with FCC Part 15 Class A & CE Mark Approval

Ordering information

Description
10/100/1000M external media converter 2KM multi mode dual fiber,2RJ45 port
10/100/1000M external media converter 20KM single mode dual fiber, 2RJ45 port
10/100/1000M external media converter 40KM single mode dual fiber, 2RJ45 port
10/100/1000M external media converter 60KM single mode dual fiber, 2RJ45 port
10/100/1000M external media converter 80KM single mode dual fiber, 2RJ45 port
10/100/1000M external media converter 100KM single mode dual fiber, 2RJ45 port
10/100/1000M external media converter 120KM single mode dual fiber, 2RJ45 port
10/100/1000M external media converter 20KM single mode single fiber, 2RJ45 port
10/100/1000M external media converter 40KM single mode single fiber, 2RJ45 port
10/100/1000M external media converter 60KM single mode single fiber, 2RJ45 port
10/100/1000M external media converter 80KM single mode single fiber, 2RJ45 port