

G3-SFP



10/100/1000Base-T to 1000Base-X Fiber Media Converter

G3-SFP Series Gigabit Fiber Media Converter can convert Optical – Electric Ethernet signals between 10/100/1000M UTP interface (TX) and 1000M optical fiber interface (FX). The traditional 10/100/1000M gigabit Ethernet can be extended to the distance of 100km through optical fiber link. The performance and quality of the products are excellent because of adopting latest Gigabit IC from USA and Taiwan. 6 Group LED indicated lights could fully monitor the working conditions of converters. It is easy for users to observe and diagnose the failure of converters. GT Series Gigabit Converters could be used alone; Converter Card should be inserted to 16 slots RACK and Converter Standalone should be inserted to 14 slots RACK supplied by G.T. Crop. which is suitable for the use of Network Centre.

1. Fully Complies with IEEE802.3 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-TX , IEEE802.3z 1000Base-FX standard
2. One 10/100/1000M Auto-Negotiation RJ45 port, support Auto MDI/MDIX
3. One 1000Base-SX/LX SFP Port(with SFP module)
4. Auto-detection of half/full duplex transfer mode for Tx port
5. Auto-negotiation of 10/100/1000Mbps rate and Auto-MDI/MDIX for Tx port
6. Provide switch configuration of half/full duplex transfer mode for Fx port
7. Extend fiber distance up to 220/550m for multi-mode fiber and 20-100km for single-mode fiber

8. Indication light: PWR, FX Link/act, FX 1000M, TX 1000M, TX 10/100M, TX Link/act.

Technical Standard:

1. Standard:

IEEE802.3 10BASE-T Ethernet
IEEE802.3u 100BASE-TX/FX Fast-Ethernet
IEEE802.3z/ab 1000BASE-FX/TX 1000M-Ethernet
IEEE802.3x flow control

2. RJ-45 Port: Auto-MDI/MDIX

3. Network Cable: Twisted pair Cat.5 UTP Cable: 100m

4. Fiber Cable:

MMF £º 50/125,62.5/125,100/140µm (maximum 2Km)
SMF £º 8.3/125,8.7/125,9/125,10/125µm (10~90Km)

5. Dimensions(WxDxH): 26x70x95mm (External power)

6. Input Voltage: DC5V1A (External power input : AC100V-AC240V/50-60HZ)

7. Operational Temperature: 0 ~ +50C

8. Store Temperature: -20 ~ +70C

9. Humidity: 5%~90% no coagulation

Model	Fiber Mode	Max distance	Wave length	connector
G3-SFP	MM/SM	550M~90KM	850~1550nm	SFP