


GM-C301A:

Gigabit Fast Ethernet 1000Base-T To 1000Base-SX Fiber Converter Module

Overview

GM-C301A complies with IEEE802.3z/AB 1000Mbps Gigabit Ethernet that supports two types of media for network connection such as 1000Base-T and 1000Base-SX/LX. The media converter is designed to connect two types of segments to operate smoothly.

With modular slide-in design, it is flexible to install in the 19" converter rack (up to 16 units) for use at a central wiring closet. The converter rack CR-16xx and CP-100/200 family are available for housing the converter modules.

Technical Specifications

- **Standards:** IEEE802.3z/AB 1000Base-T, 1000Base-SX/LX
- **UTP Cable:** Cat. 5 cable and up to 100m
- **Fiber Cable:**
 - SX: 50/125, 62.5/125mm multi-mode
 - LX: 9/125mm single-mode
- **Data Transfer Rate:** 1000Mbps: 1,148,000 PPS
- **Transfer Mode:**
 - TP: 1000FDX with NWay auto-negotiation
 - Fiber: 1000FDX at AUTO or FORCE mode
- **LED Indicators:** PWR, ACT, FX LINK, FDX, TP LINK
- **Power Requirement:** 0.8A @+5VDC
- **Ambient Temperature:** 0~50°C
- **Humidity:** 5~90%
- **PCB Dimensions:** 125(L) x 64(H) mm
- **Weight:** 0.1kg
- **Emission:** FCC Part 15 Class A, CE Mark
- **RoHS Compliance**

Note: For connecting this device to Router, Bridge or Switch, please refer to the corresponding device's Technical Manual.

Packing Information
GM-C301ASC / GM-C301ASC.S

Carton Dimensions (mm)	pcs/Carton	N.W (KG)	G.W (KG)
530x512x345	40	10	11

Ordering Information

GM-C301ASC	1000Base-T To 1000Base-SX Module, MM SC
GM-C301ASC.S05	1000Base-T To 1000Base-SX Module, SM SC 5Km
GM-C301ASC.S10	1000Base-T To 1000Base-SX Module, SM SC 10Km
GM-C301ASC.S30	1000Base-T To 1000Base-SX Module, SM SC 30Km
GM-C301ASC.S50	1000Base-T To 1000Base-SX Module, SM SC 50Km

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