Gigabit Ethernet Media Converter

- One-channel media conversion between 1000Base-T and 1000Base-SX/LX

- Easy installation

- Provides one SFP (mini-GBIC) slot supporting either multi-mode or single mode fiber, flexibility in Gigabit Ethernet fiber-optic wiring with different SFPs installed

- Auto MDI/MDI-X for TP port

- Provides DIP switch to enable/disable auto-negotiation by-pass function

- Front panel status LEDs

- Standalone installation or co-work with Media Converter Chassis

Due to the demands for distance extension from customers, PLANET currently releases a Gigabit Ethernet Converter, GT-705A (one-Port TP and one-Port SFP mini GBIC).

This converter supports one channel media conversion between 1000Base-T and 1000Base-SX/LX through the SFP (Small Form-factor Pluggables) mini-GBIC module. This empowers the installers the flexibility in fiber-optic networking from 550 meters up to 70 kilometers as soon as different SFP module are installed to the GT-705A. To centralize the fiber-optic network installation, the GT-705A with compact design can be used as standalone unit as well as being installed to the media chassis such as the PLANET MC-1000R, 10-Slot Media Converter Chassis. This media chassis can produce the power for GT-705A to maintain the fiber-optic network at one place.

As GT-705A fully complies with IEEE 802.3ab 1000Base-T and IEEE 802.3z 1000Base-SX/LX, using the Gigabit media conversion is quite quick and easy by simply plug and play.

SPECIFICATION

Product	1000Base-T to SFP 1000Base-SX/LX

Model	GT-705A
Hardware Specification	
Standards	IEEE 802.3ab 1000Base-T IEEE 802.3z 1000Base-SX/LX
Copper port	RJ-45 connector
Speed	Gigabit Ethernet 2000Mbps for full-duplex
Fiber port	SFP (Small Form-factor Pluggable) for LC type optic connector
Media interface	RJ-45, mini-GBIC
Cable	1000Base-T: 4-pair STP Cat 5 up to 100m 1000Base-SX: 62. 5/125µm MM fiber optic cable, up to 220m, 50/125µm MM fiber optic cable, up to 550m 1000Base-LX: 62. 5/125µm or 50/125£gm MM fiber optic cable, up to 550m 9/125µm SM fiber optic cable, up to 10k
LED	PWR, FDX, TPACT, TPLINK, Fiber ACT, Fiber Link
Power consumption	5.5 Watts (maximum)
Power Input	5V 2A
Dimensions	93 x 69 x 25 mm
Emissions	FCC Class B, CE Class B, VCCI Class B

ORDERING INFORMATION

GT-705A	Gigabit Ethernet Media Converter (1000Base-T to 1000Base-SX/LX)
Related mini-GBIC modules	
MGB-SX	1000Base-SX SFP Mini GBIC module (LC, MM)
MGB-LX	1000Base-LX SFP Mini GBIC module (LC, MM.SM)

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