

Gigabit Ethernet Media Converter (WDM)



Due to the demands for distance extension from customers, PLANET currently releases a Gigabit Ethernet Converter, GT-706A15/A60 and GT-706B15/B60 (one-port TP and one-port SC WDM).

This converter supports one channel media conversion between 1000Base-T and 1000Base-LX through single SC type interface. Runs in pair, i.e. GT-706A15/A60 to GT-706B15/B60, this empowers the installers the flexibility in fiber-optic networking where only one wire is required instead of two. To centralize the fiber-optic network installation, the GT-706 with compact design can be used as standalone unit as well as being installed to the media chassis such as the PLANET MC-1000R/MC-1500, 10/15-slot Media Converter Chassis. This media chassis can produce the power for GT-706 to maintain the fiber-optic network at one place.

As GT-706A15/A60, GT-706B15/B60 fully complies with IEEE802.3ab 1000Base-T and IEEE802.3z 1000Base-LX, using the Gigabit media conversion is quite quick and easy by simply plug and play.

KEY FEATURE

- One-channel media conversion between 1000Base-T and 1000Base-LX
- Easy installation
- Provides one SC WDM interface, one fiber-optic wire is required to both transmit and receive
- Auto MDI/MDI-X for TP Port
- Provides DIP switch to enable/disable auto-negotiation by-pass function
- Front panel status LED indicators
- Standalone installation or co-work with Media Converter Chassis

SPECIFICATION

Product	Gigabit Ethernet Media Converter (WDM)	
Model	GT-706A15/A60	GT-706B15/B60
Hardware		
Standards	IEEE 802.3ab 1000Base-T IEEE 802.3z 1000Base-LX	
Copper port	RJ-45 connector	
Speed	Gigabit Ethernet 2000Mbps for full-duplex	
Fiber port	Single SC interface, Multimode or Single-mode	
Fiber interface	Single fiber port with wavelength TX: 1310nm TX: 1550nm RX: 1550nm Single fiber port with wavelength RX: 1310nm	
Cable	1000Base-T: 4-pair STP Cat 5 up to 100m 1000Base-LX: 62. 5/125μm or 50/125μm MM fiber optic cable, up to 550m 9/125μm SM fiber optic cable, up to 15/60k	
LED indicator	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	
Environment	Operating temperature: 0 to 50 Degree C; storage: -40 to 70 Degree C Humidity: 10~90% non-condensing	
Emissions	FCC Class A, CE Class A	

ORDERING INFORMATION

GT-706A15	1000Base-T to 1000Base-LX Gigabit Ethernet Converter (TX:1310nm)
GT-706B15	1000Base-T to 1000Base-LX Gigabit Ethernet Converter (TX:1550nm)
GT-706A60	1000Base-T to 1000Base-LX Gigabit Ethernet Converter (TX:1310nm)
GT-706B60	1000Base-T to 1000Base-LX Gigabit Ethernet Converter (TX:1550nm)