



AT-G8BD

GBIC GigaBit Interface Converter

AT-G8BD-13

40km 1000LX GBIC, BiDirectional Fiber

AT-G8BD-14

40km 1000LX GBIC, BiDirectional Fiber

Industry Standard

The AT-G8 series offers the latest industry standards in flexible, full-duplex Gigabit Ethernet connectivity. These hot-swappable, fiber interfaces simply plug into a GBIC slot on Allied Telesis GBIC compatible products. Configurations can be optimized to meet varied distance and service requirements.

Options

The AT-G8 series offers short-haul and long-haul solutions. From the inexpensive AT-G8SX01 to the far-reaching AT-G8LX70, you have the option to extend your network to the distances that meet your performance needs. The CWDM version allows you to take advantage of the CWDM technology in an existing network infrastructure, maximizing fiber efficiency.

Product Compatibility

The AT-G8 series GBICs are compatible with all of the Allied Telesis range of products that support GBIC uplink connections.

BiDirectional Support

The AT-G8BD GBICs provide end-to-end Gigabit optional connectivity over a single fiber at distances up to 40km.

Technical Specifications

Media Type	SMF	
Wavelength	AT-G8BD-13	TX=1310nm RX=1490nm
	AT-G8BD-14	TX=1490nm RX=1310nm
Maximum Data Rate	1.25Gbps	
Distance	40km	
Transmit Power (min)	-3dBm	
Transmit Power (typ)	0dBm	
Transmit Power (max)	2dBm	
Receive Sensitivity (max)	2dBm	
Receive Sensitivity (min)	24dBm	
Power Budget (min)	-21dBm	
Interface Support	SC	

Standard Data Rate Supported

Optical Gigabit Ethernet

Environmental Specifications

Operating Temp.	0°C to 70°C
Operating Humidity	10% to 90% (non-condensing)
Storage Temperature	-40°C to 85°C
Storage Humidity	10% to 90% (non-condensing)

Key Features

- Copper and fiber solutions
- Connect up to 40km
- Compact size
- Flexible architecture
- Plug & Play ease-of-use
- Self-locking mechanism
- 'Colored' wavelength for CWDM use
- Two year warranty

Ordering Information

AT-G8BD-13

40km, 1000LX, 9 Micron SMF
(TX=1310nm, RX=1490nm)

AT-G8BD-14

40km, 1000LX, 9 Micron SMF
(TX=1490nm, RX=1310nm)

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617-000185 Rev B