



## AT-G8SX-01

### GBIC GigaBit Interface Converter

#### AT-G8SX-01

220m/550m 1000SX GBIC

#### 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-G8SX-01 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.

#### Technical Specifications

Media Type	MMF
Wavelength	850nm
Maximum Data Rate	1.25Gbps
Distance	220-550m
Transmit Power (min)	-9.5dBm
Transmit Power (typ)	-7dBm
Transmit Power (max)	-4dBm
Receive Sensitivity (max)	-17dBm
Power Budget	7.5dBm
Interface Support	SC

#### Standard Data Rate Supported

Optical Gigabit Ethernet

#### Environmental Specifications

Operating Temp.	0°C to 70°C
Operating Humidity	5% to 95% (non-condensing)
Storage Temperature	-40°C to 85°C
Storage Humidity	5% to 95% (non-condensing)

#### Key Features

- Copper and fiber solutions
- Connect up to 70km
- Compact size
- Flexible architecture
- Plug & Play ease-of-use
- Self-locking mechanism
- 'Colored' wavelength for CWDM use
- Two year warranty

#### Ordering Information

AT-G8SX-01  
220m/550m 1000SX 62.5/125 Micron MMF

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