



## AT-G8LX10

### GBIC GigaBit Interface Converter

#### AT-G8LX10

10km 1000LX 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-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.

#### Technical Specifications

|                           |          |
|---------------------------|----------|
| Media Type                | SMF      |
| Wavelength                | 1310nm   |
| Maximum Data Rate         | 1.25Gbps |
| Distance                  | 10km     |
| Transmit Power (min)      | -9.5dBm  |
| Transmit Power (typ)      | -7dBm    |
| Transmit Power (max)      | -3dBm    |
| Receive Sensitivity (max) | -20dBm   |
| Power Budget              | 11.5dB   |

Interface Support SC

#### Standard Data Rate Supported

Optical Gigabit Ethernet

#### Environmental Specifications

|                     |                            |
|---------------------|----------------------------|
| Operating Temp.     | 0°C to 60°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-G8LX10

10km 1000LX 9 Micron SMF (1310nm)

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