



AT-SPEX

Small Form Pluggable (SFP) Modules

AT-SPEX

1310nm 1000X SFP, 2km distance

Industry Standard

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

Product Compatibility

The AT-SP series SFPs are compatible with all the Allied Telesis range of products that support SFP uplink connections.

The AT-SPEX is designed to drive Gigabit Ethernet up to 2km over multi-mode fiber. This makes the AT-SPEX the ideal choice for customers upgrading from legacy FDDI (Fiber Distributed Data Interface), Fast Ethernet and Ethernet networks with pre-installed multi-mode fiber.

Interoperability

Allied Telesis Small Form Pluggables (SFP) fully comply with industry standard networking regulations. This compliance allows Allied Telesis SFP modules to be used on any networking equipment which complies with industry standards.

Technical Specifications

| | |
|---------------------------|----------|
| Media Type | |
| Wavelength | 1310nm |
| Maximum data rate | 1.25Gbps |
| Distance | 2km |
| Digital diagnostics | Yes |
| Transmit power (min) | -1dBm |
| Transmit power (max) | -9dBm |
| Receive sensitivity (min) | -19dBm |
| Receive sensitivity (max) | -1dBm |
| Power budget | 8dBm |
| Fiber connectors | LC |

Standard Data Rates Supported

| | |
|--------------------------|------------|
| Optical Gigabit Ethernet | 1Gbps |
| 1 x fiber channel | 1.0625Gbps |

Environmental Specifications

| | |
|-----------------------|----------------------------|
| Operating temperature | 0°C to 70°C |
| Operating humidity | 0% to 85% (non-condensing) |

| | |
|---------------------|----------------------------|
| Storage temperature | -40°C to 85°C |
| Storage humidity | 0% to 80% (non-condensing) |

Cabling Type and Distance

| | |
|-------------------------|-----|
| AT-SPEX is suitable for | |
| OM1 (62.5/125) | 2km |
| OM2 (50/125) | 1km |

Key Features

- Connect up to 2km over multi-mode fiber
- Compact size
- Flexible architecture
- Plug & Play ease-of-use
- Self-locking mechanism
- Data: Support for fiber channel

Ordering Information

AT-SPEX
1000X, (LC) 1310nm

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