



AT-SPSX

Small Form Pluggable (SFP) Modules

AT-SPSX

550m 1000SX SFP

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 Telesyn SFP compatible products. Configurations can be optimized to meet varied distance and service requirements.

Options

The AT-SP series offers short-haul and long-haul solutions. From the inexpensive AT-SPSX to the far-reaching AT-SPZX80, 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. Multi-rate versions allow technologies other than just Gigabit Ethernet to be transmitted over single mode fiber.

Product Compatibility

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

Technical Specifications

Media Type	MMF
Wavelength	850nm
Maximum Data Rate	2.125Gbps
Distance	500m
Digital Diagnostics	Yes
Transmit Power (min)	-9dBm
Transmit Power (max)	-3.5dBm

Receive Sensitivity	
at 1.25Gbps (typ)	-22dBm
at 1.25Gbps (max)	-20dBm
at 2.125Gbps (typ)	-20dBm
at 2.125Gbps (max)	-18dBm

Power Budget	
at 1.25Gbps (min)	11dBm
at 1.25Gbps (max)	9dBm

Fiber Connectors	LC
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Standard Data Rates Supported

Optical Gigabit Ethernet	
1 x Fiber Channel	
2 x Fiber Channel	

Environmental Specifications

Operating Temp	-20°C to 90°C
Operating Humidity	0% to 85% (non-condensing)
Storage Temperature	-40°C to 100°C
Storage Humidity	0% to 80% (non-condensing)

Key Family Features

- Copper and fiber Solutions
- Connect up to 80km
- Compact size
- Flexible architecture
- Plug-and-play ease-of-use
- Self-locking mechanism
- 'Colored' wavelength for CWDM use
- Data: Support for fiber channel and 2x fiber channel
- Telecom: support for OC3/STM-1, OC12/STM-4, & OC48/STM-16
- Two year warranty

Ordering Information

AT-SPSX
1000SX, (LC) 850nm

220m (62.5/125)
550m (50/125) fiber

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