

SP Series

Gigabit Small Form-Factor Pluggable Modules

The Allied Telesis SP Series delivers flexible, full-duplex Ethernet connectivity. These hot-swappable fiber interfaces simply plug into the SFP slot on all SFP-compatible devices. Configuration can be optimized to meet a wide variety of distance and service requirements.



Compatibility

SP Series Small Form Pluggables (SFPs) are supported on all Allied Telesis devices that support SFP uplink connections.

The Allied Telesis SP Series SFPs are Multi-Sourcing Agreement (MSA) compliant. They fully comply with industry standard networking regulations. This compliance allows the Allied Telesis SFPs to be used with other MSA-compliant platform's that support SFP uplink connections.

For Cisco compatibility please refer to the 'SFP Compatibility Flyer'

Options

The SP Series offers short-haul and long-haul solutions. From the inexpensive AT-SPSX to the far-reaching AT-SPZX80, SP Series SFPs provide both the distance and the high performance your network needs.

Key Features

- ▶ Fiber solution
- ▶ Compact size
- ▶ Flexible architecture
- ▶ Plug-and-play for ease of use
- ▶ Self-locking mechanism
- ▶ MSA compliant
- ▶ Two year warranty*

*Warranties may be region specific. For local warranty periods, please visit alliedtelesis.com/support or contact your local sales office.

Specifications

Gigabit Fiber Optics

| MODEL | FIBER TYPE | MAXIMUM DISTANCE | DDM* | TRANSMIT | | RECEIVE SENSITIVITY | CONNECTOR TYPE | TEMPERATURE |
|-------------|------------|------------------|------|----------|---------|---------------------|----------------|--------------------------------|
| | | | | MINIMUM | MAXIMUM | | | |
| AT-SPSX | MMF | 220-550 m | - | -3 dBm | -17 dBm | -9.5 dBm | LC | 0°C to 70°C (32°F to 158°F) |
| AT-SPSX/I | MMF | 220-550 m | Yes | -4 dBm | -17 dBm | -9.5 dBm | LC | -40°C to 85°C (-40°F to 185°F) |
| AT-SPEX | MMF | 2 km | - | -1 dBm | -19 dBm | -9 dBm | LC | 0°C to 70°C (32°F to 158°F) |
| AT-SPLX10 | SMF | 10 km | - | -3 dBm | -20 dBm | -9 dBm | LC | 0°C to 70°C (32°F to 158°F) |
| AT-SPLX10/I | SMF | 10 km | Yes | -3 dBm | -19 dBm | -9 dBm | LC | -40°C to 85°C (-40°F to 185°F) |
| AT-SPLX40 | SMF | 40 km | Yes | 1 dBm | -23 dBm | -4 dBm | LC | 0°C to 70°C (32°F to 158°F) |
| AT-SPZX80 | SMF | 80 km | Yes | 5 dBm | -24 dBm | 0 dBm | LC | 0°C to 70°C (32°F to 158°F) |

*Digital Diagnostics Monitoring

Copper Optics

| MODEL | SPEED | MAXIMUM DISTANCE | CONNECTOR TYPE | TEMPERATURE |
|---------|--------------|------------------|----------------|-----------------------------|
| AT-SPTX | 10/100/1000T | 100 m | RJ-45 | 0°C to 70°C (32°F to 158°F) |

Ordering Information



AT-SPSX
1000SX SFP, LC, MMF, 850 nm

AT-SPSX-90
1000SX SFP, LC, MMF, 850 nm, TAA Compliant

AT-SPSX/I
1000SX SFP, LC, MMF, 850 nm, I-Temp

AT-SPEX
1000EX SFP, LC, MMF, 1310 nm

AT-SPLX10
1000LX SFP, LC, SMF, 1310 nm (10 km)

AT-SPLX10/I
1000LX SFP, LC, SMF, 1310 nm, (10 km), I-Temp

AT-SPLX40
1000LX SFP, LC, SMF, 1310 nm, (40 km)

AT-SPZX80
1000ZX SFP, LC, SMF, 1550 nm, (80 km)

AT-SPTX
10/100/1000T SFP, RJ-45 (100 m)