



## AT-SP10LR

### 10Gigabit Small Form-factor Pluggable

#### AT-SP10LR

1310nm, 10km, single-mode fiber

#### Industry Standard

The SP10 series offers the latest industry standard 10Gigabit Ethernet connectivity in a flexible, small form-factor. These hot swappable optical interfaces simply plug into an SFP+ slot in any compatible Allied Telesis product for simple migration to 10Gbps data rates.

#### Options

The SP10 series offers both short-haul and long-haul solutions. The hot swappable feature of the SP10 series allows for network changes without necessarily having to remove or reconfigure costly 10GbE network equipment. Simply change the SFP+ to meet the new transport demands.

#### Interoperability

Allied Telesis 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.

#### Product Compatibility

The SP10 series of SFPs are compatible with all the Allied Telesis range of products that support SFP+ uplink connections.

#### Technical Specifications

Media type	SMF
Wavelength	1310nm
Maximum data rate	10.7Gbps
Distance	10km
Digital diagnostics	Yes
Transmit power (min)	-6dBm
Transmit power (max)	-1dBm
Receive sensitivity (min)	-12.6dBm
Receive sensitivity (max)	0.4dBm
Fiber connectors	LC

#### Environmental Specifications

Operating temperature	-5°C to 70°C
Operating humidity	0% to 85% (non-condensing)
Storage temperature	-40°C to 85°C
Storage humidity	0% to 85% (non-condensing)

#### Power Consumption

Power consumption	<1.3W
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#### Key Features

- 10Gbps data rate
- Compact size
- Flexible architecture
- Hot swappable
- RoHS compliant
- Compliant to SFP+ Electrical MSA SFF-8431
- Compliant with SFF-8472 MSA
- Standard LC duplex fiber-optic connector
- Digital optical monitoring

#### Ordering Information

##### AT-SP10LR

1310nm medium-haul (10km with SMF)

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