



## AT-SP10SR

### 10Gigabit Small Form-factor Pluggable

#### AT-SP10SR

850nm, 300m, multi-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	MMF
Wavelength	850nm
Maximum data rate	10.3Gbps
Distance	300m
Digital diagnostics	Yes
Transmit power (min)	-5dBm
Transmit power (max)	-1.8dBm
Receive sensitivity (min)	-30dBm
Receive sensitivity (max)	-11.1dBm
Fiber connectors	LC

#### 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 85% (non-condensing)

#### Power Consumption

Power consumption	<1W
-------------------	-----

#### 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
- Power consumption <1W

#### Ordering Information

AT-SP10SR  
850nm short-haul (300m with MMF)

USA Headquarters | 19800 North Creek Parkway | Suite 100 | Bothell | WA 98011 | USA | T: +1 800 424 4284 | F: +1 425 481 3895  
 European Headquarters | Via Motta 24 | 6830 Chiasso | Switzerland | T: +41 91 69769.00 | F: +41 91 69769.11  
 Asia-Pacific Headquarters | 11 Tai Seng Link | Singapore | 534182 | T: +65 6383 3832 | F: +65 6383 3830

[www.alliedtelesis.com](http://www.alliedtelesis.com)

© 2011 Allied Telesis Inc. All rights reserved. Information in this document is subject to change without notice. All company names, logos, and product designs that are trademarks or registered trademarks are the property of their respective owners.

617-000387 Rev A