

## AT-SPI0LRM

### 10G LRM SMALL FORM-FACTOR PLUGGABLE



The SPI0 Series offers the latest industry standard in flexible, small form-factor 10 Gigabit Ethernet connectivity. These hot-swappable, optical interfaces simply plug into a SFP+ slot on Allied Telesis SFP-compatible products for simple migration to 10Gbps data rates.

#### Options

The SPI0 Series offers short-haul and long-haul solutions. The hot swappable feature of the SPI0 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.

#### Applications

The 10G LRM optic is designed to transmit and receive optical data over a legacy OMI multi-mode fiber link up to 220 m, ideal for high-speed storage area networks, computer cluster

cross-connect, and custom high-speed data pipes.

#### Interoperability

Allied Telesis SFP+ fully complies with industry standard networking regulations. This compliance allows Allied Telesis SFP+ modules to be used on any networking equipment which complies with industry standards.

#### Compatibility

Allied Telesis SPI0 Series SFPs are compatible with all Allied Telesis products that support SFP+ uplink connections.

#### Key Features

- » Compliant to IEEE 802.3aq 10GBASE-LRM
- » Advanced firmware
- » Superior EMI performance
- » Higher port densities and greater bandwidth
- » AC/AC Coupling interface
- » 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
- » Two year warranty\*

\* Warranties may be region specific. For local warranty periods, please visit the support section on [alliedtelesis.com](http://alliedtelesis.com) or contact your local sales office.

| MODEL      | MEDIA TYPE | WAVELENGTH | DISTANCE             |
|------------|------------|------------|----------------------|
| AT-SPI0LRM | MMF        | 1310 nm FP | 220 m (MM OM1 Fiber) |

#### Specifications

##### Environmental

Operating temperature: 0°C to 70°C (32°F to 158°F)  
Storage temperature: -40°C to 85°C (-40°F to 185°F)  
Relative humidity: 5 to 95% non-condensing

##### Power Consumption

3.3W

##### Optical Characteristics

| Parameter           | Min. | Max. | Unit |
|---------------------|------|------|------|
| Transmit            | -8.2 | 0.5  | dBm  |
| Receive sensitivity |      | -6.0 | dBm  |

Digital diagnostics: Yes

Fiber connectors: Duplex LC Receptacle

#### Ordering Information

##### AT-SPI0LRM

10G LRM, 1310 nm FP, 220 m with MMF