



Introduction

The Atlona **AT-SFP-PLUS-10GE-SR** is an SFP+ (small form factor pluggable) fiber optic transceiver module. It fits into the SFP+ cage of Atlona products with SDVoE® technology. The SFP-PLUS-10GE-SR allows long-distance 10GbE connectivity up to 300 meters (980 feet) with OM3 multi mode fiber-optic cable.

Applications

- **Long distance extension**
Atlona compatible devices with the SFP-PLUS-10GE-SR modules can extend 4K/60 4:4:4 video over distances well-exceeding the 100-meter capability over copper 10GbE cable.
- **Existing fiber optic cabling**
The availability of unused fiber in a facility's cable plant, also known as dark fiber, can be an appealing option for integrators without having to pull new cable for an AV system installation.

Key Features

- SFP+ fiber optic transceiver module.
- Fits into SFP+ cage of Atlona products with SDVoE technology.
- Allows long-distance 10GbE connectivity up to 300 meters (980 feet) with OM3 multi mode fiber-optic cable.
- LC duplex connector.
- Hot-swappable installation and removal.

Specifications

| Physical | | |
|---------------------------------|--|--------------------|
| Form Factor | SFP+ | |
| Transmitter Type | VCSEL | |
| Receiver Type | PIN | |
| | | |
| Max. Operating Distance | Feet | Meters |
| 50/125 μm multimode fiber (OM3) | 984 | 300 |
| | | |
| Connector | | |
| Type | 1 x LC, duplex | |
| | | |
| Performance | | |
| Wavelength Range | 840 ≤ λ ≤ 860 nm | |
| Protocol | IEEE 802.3ae | |
| Maximum Data Rate | 10.3125 Gbs | |
| Extinction Ratio | ER ≥ 3 dB | |
| Receiver Sensitivity | OMA ≤ -11.1 dBm | |
| DDM/DDMI | Supported | |
| | | |
| Power | | |
| Consumption | < 1.0 W | |
| MTBF | 4,986,536 hours (569 years) | |
| | | |
| Environmental | Fahrenheit | Celsius |
| Operating Temperature | +32° to +158° | 0° to +70° |
| Storage Temperature | -40° to +185° | -40° to +85° |
| Operating Humidity | 85% (at +25° C), non-condensing | |
| | | |
| Dimensions | Inches | Millimeters |
| Unit | 0.46 x 0.53 x 2.19 | 11.9 x 13.7 x 55.7 |
| | | |
| Weight | Pounds | Kilograms |
| Unit | 0.4 | 0.0171 |
| | | |
| Compliance | | |
| Standards | SFF-8024, SFF-8431, SFF-8472 | |
| | | |
| Certification | | |
| Device | UL 1950 CSA 22.2 No. 950, RoHS | |
| | | |
| Warranty | | |
| 3 years | View the full warranty information here: https://atlona.com/warranty | |

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