



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		
50/125 μ m multimode fiber (OM3)	Feet 984	Meters 300
Connector		
Type	1 x LC, duplex	
Performance		
Wavelength Range	840 $\leq \lambda \leq$ 860 nm	
Protocol	IEEE 802.3ae	
Maximum Data Rate	10.3125 Gbs	
Extinction Ratio	ER \geq 3 dB	
Receiver Sensitivity	OMA \leq -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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