

S20-2MLC-2 SFP-Port 100Base-FX Mini GBIC Transceiver, 1310 nm, 2 km, Multi-Mode

Overview

The Carrier Fire & Security transceiver module is specifically designed to accommodate high-performance optical fiber, including integrated duplex data link over multi mode. Compliant with the SFP Multisource Agreement (MSA), these transceiver modules feature hot-plug capability for easy installation without interrupting host equipment operating online. The SFP Mini GBIC transceiver can install into Carrier Fire & Security switch products with 100Base-FX or 1000Base-SX/LX SFP interface.



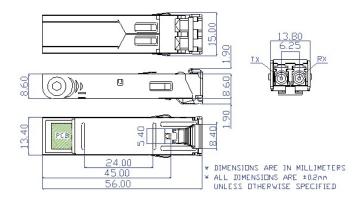
Details

- SFP multi-source agreement compliant
- Data rate 100Mbps
- Class 1 laser safety standard IEC 60825 compliant
- LC duplex receptacle
- Low power dissipation
- · Plug-and-play capability for easy installation
- Hot Pluggable
- 0°C to +50°C operation temperature
- TTL signal detect indicator
- Single power supply 3.3V
- Comply with the IEEE 802.3ab

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Technical specifications

General	
Category	SFP
Port type	Multi Mode
No. of fibers	2
Port speed	Fast
Wavelength	1310 nm
Maximum distance	2 km
Connector	LC
Max. distance	2 km
PHY type	100Base-FX
Power (dBm)	-20 to -14
Reliability (MTBF)	>50,000 hrs @ 25°C
Electrical	
Operating voltage	3.3 VDC
AS/NZS CISPR 22	2006
Physical	
Physical dimensions	59 x 15 x 12.4 mm (W x D x H)
	2.20 x 0.59 x 0.49 in. (W x D x H)
Net weight	18 g
	0.6 oz
Environmental	
Operating temperature	0 to +50°C
Storage temperature	-40 to 85°C
Relative humidity	5 to 95% noncondensing
Regulatory	
	IEEE 802.3ab Fast Ethernet Standard
	Class 1 laser product complies with EN 60825-1
Transmitter Electro	o-Optical Interface
EMI	EN 55022 CLASS A:2006+A1 : 2007 /
	EN61000-3-2:2006 / EN61000-3-3:
	1995+A1:2001+A2:2005
Optical output power	Min20 dBm, Max14 dBm
Power budget	12
Receiver	-32 dBm





As a company of innovation, Carrier Fire & Security reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.