

S25-2SLC-20

SFP-Port 100Base-FX Mini GBIC Transceiver, 1310 nm, 20 km, Single Mode, Wide Temperature

Overview

The Carrier Fire & Security transceiver module is specifically designed to accommodate high-performance optical fiber, including integrated duplex data link over single 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

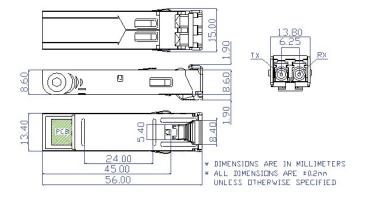
- SFP multi-source agreement compliant
- Data rate 100Mbps
- Class 1 laser safety standard IEC 60825 compliant
- LC duplex receptacle
- Low power dissipation
- Plug-and-play capability for easy installation
- Hot Pluggable
- -40°C to +75°C operation temperature
- TTL signal detect indicator
- Single power supply 3.3V
- Comply with the IEEE 802.3ab

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Technical specifications

General	
Category	SFP
Port type	Single Mode
No. of fibers	2
Port speed	Fast
Wavelength	1310 nm
Maximum distance	20 km
Connector	LC
PHY type	100Base-LX
Power (dBm)	-15 to -8
RX Sen. (dBm)	-34
Power budget	19
Reliability (MTBF)	>50,000 h @ 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	-40 to +75°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	Min.: -15 dBm, Max.: -8 dBm
Power budget	19
Receiver	-34 dBm
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As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.