S20-2SLC-20

SFP-Port 100Base-FX Mini GBIC Transceiver (1310nm) - 20Km - SM

Overview

The KGS 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 KGS 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

S20-2SLC-20

SFP-Port 100Base-FX Mini GBIC Transceiver (1310nm) - 20Km - SM

Technical specifications

General

Category	SFP
Port type	Single Mode
No. of fibers	2
Port speed	Fast
Wavelength	1310 nm
Maximum distance	20 km
Number of fibers	2
Fiber type	Single-Mode
Connector	LC
Max. distance	20km
TX / RX wavelenght	1310nm / 1310nm
PHY type	100Base-LX
Power (dBm)	-15 ~ -8
RX Sen. (dBm)	-34
Power budget	19
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

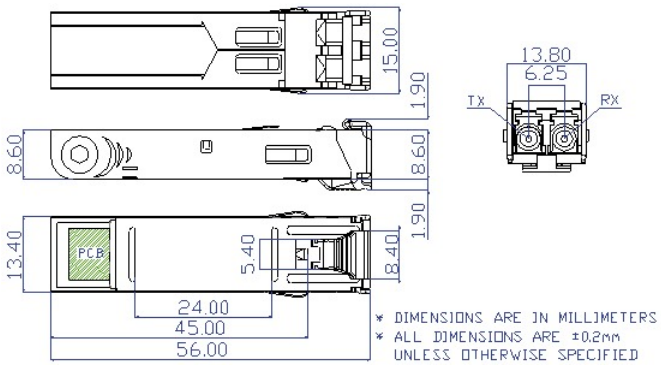
Operating temperature	0 to +50°C
Storage temperature	-40 to +85ºC
Relative humidity	5% to 95% noncondensing

Transmitter Electro-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. : -15dBm, Type : - , Max. : -8dBm
Receiver	-34dBm

Regulatory

	IEEE 802.3ab Fast Ethernet Standard
	Class 1 laser product complies with EN 60825-1



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.

Last updated on 16 June 2026 - 15:24