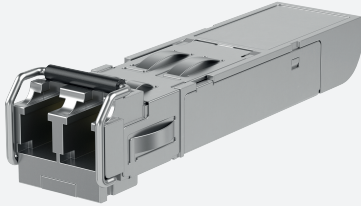


SFP: 1000BASE-LX Gigabit Ethernet Single-mode Fiber

SFP-S-20KM-G-W

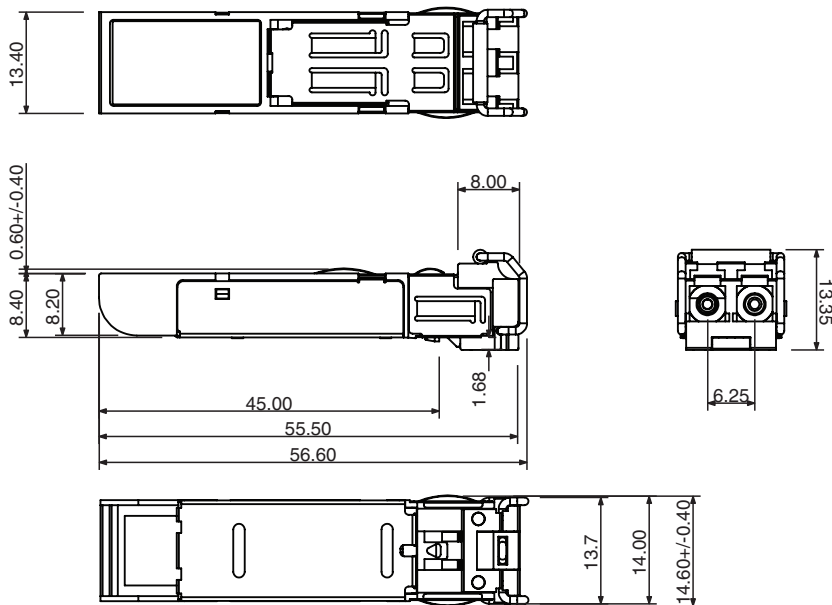


- Industry standard small form pluggable (SFP) package
- SFP Multi-Source Agreement compliant
- Hot pluggable
- Class 1 laser product complies with EN 60825-1
- Single power supply 3.3V
- TTL signal detect indicator
- Duplex LC connector
- Extended temperature range: -40 to 85° C

Single-mode 20KM 1000BASE-LX Gigabit Ethernet Fiber SFP



Dimensions



Technical Data

Ethernet Interface

Standards

IEEE802.3z 1000BASE-LX	yes
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Interface 1

Interface type	1000BASE-LX Gigabit Ethernet Fiber
Physical	SFP, Hot pluggable
Transfer rate	1.25 Gbps

Fiber optics functionality

Wave length	1310 nm
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Technical Data

Cable type	9/125µm Single-mode	
Cable length		max. 20 km
Connector type	1 Duplex LC	
Transmit power (optical)		-8 ... -2 dBm
Receive sensitivity	-23 ... -1 dBm	
Link budget		15 dB
Directive conformity		
Electromagnetic compatibility		
Directive 2014/30/EU	EN55024, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-6, IEC 61000-4-8	
Standard conformity		
Emitted interference	CISPR 22 , FCC Part 15 Subpart B Class A , EN61000-6-4, IEC61000-6-4	
Noise immunity		EN 55024
Standards	SFP Multi-Source (MSA) compliant Class 1 laser product complies with EN 60825-1	
Ambient conditions		
Ambient temperature	-40 ... 85 °C (-40 ... 185 °F)	
Storage temperature		-40 ... 85 °C (-40 ... 185 °F)
Relative humidity	max. 95 %	
Mechanical specifications		
Mass	17 g	
Dimensions		
Height	8.5 mm	
Width		13.4 mm
Length	56.5 mm	

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