

Product type designation

RUGGEDCOM SFP2133-1LR10
RUGGEDCOM Accessory, SFP+, 1 X 10.000MBIT/S, 10GBASE-LR,
LC- Interface, Optical: Single Mode Fiber Optic up to max. 10km,
1310nm, -40...+85 Degrees Celsius



Figure similar

Suitability for operation	compatible to RUGGEDCOM products with SFP-Slot	
Interfaces		
Number of electrical/optical connections / for network components or terminal equipment / maximum	1	
Number of optical interfaces / for network components or terminal equipment / maximum	1	
Number of 10 Gbit/s LC ports (LX)	1	
Design of the optical interface / for network components or terminal equipment	LC	
Range / at the optical interface / depending on the optical fiber used	10 km	
Ambient conditions		
Ambient temperature		
• during operation	-40 ... +85 °C	
• during storage	-40 ... +85 °C	
• during transport	-40 ... +85 °C	

• Note	A maximum operating temperature of +85 °C is permissible for a duration of 16 hours
Relative humidity / at 25 °C / without condensation / during operation / maximum	95 %

Design, dimensions and weights	
Design	SFP Module
Width	14 mm
Height	9 mm
Depth	57 mm
Net weight	0.01 kg
Product feature / conformal coating	No
Mounting type	latched

Standards, specifications, approvals	
Standard	
• for safety / from CSA and UL	UL 60950-1, CSA C22.2 No. 60950-7
• for emitted interference	EN 61000-6-4 (Class A)
• for interference immunity	EN 61000-6-2
Laser protection class	Complies with 21 CFR chapter 1, subchapter J
Certificate of suitability	EN 61000-6-2, EN 61000-6-10
• CE marking	Yes
• C-Tick	No
• KC approval	No
• E1 approval	No
• IEC 61850-3	Yes

Further information / Internet-Links	
Internet-Link	
• to website: Industry Mall/RUGGEDCOM selector	http://ruggedcom-selector.automation.siemens.com
• to website: Siemens RUGGEDCOM	http://siemens.com/ruggedcom
• to website: Selector for cables and connectors	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx Download Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com
last modified:	12/16/2019