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Data sheet 6GK6000-8FB51-0AA0

product type designation	**RUGGEDCOM SFP1132-1BX10R**
	RUGGEDCOM Accessory, Bi-directional SFP, 1000BASE-BX-U, 1 X 1000MBIT/S, LC-Interface, Optical: Single Mode Fiber Optic up to max. 10km, 1310nm TX/1490nm RX, -40...+85 Degrees Celsius
Technical Product Detail Page	https://i.siemens.com/1P6GK6000-8FB51-0AA0
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 1000 Mbit/s LC ports / for multimode / integrated	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
fastening method	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	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: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358
• to website: Industry Mall/RUGGEDCOM selector	https://www.siemens.com/ruggedcom-selector
• to website: Industrial communication	https://www.siemens.com/simatic-net
• to website: Siemens RUGGEDCOM	https://www.siemens.com/ruggedcom
• to web page: SiePortal	https://sieportal.siemens.com/
• to website: Image database	https://www.automation.siemens.com/bilddb

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security information	
security information	Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)

Approvals / Certificates

General Product Approval		other
Manufacturer Declaration	CE EG-Konf.	inspection certificate

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