

Product type designation	RUGGEDCOM GBIC 1000LX SC FG58
Product description	1000LX Singlemode, SC, 10 km RUGGEDCOM GBIC 1000LX SC FG58 1000LX SM SC 10KM GBICSC -40 / +85 1300NM
Suitability for operation	compatible to RUGGEDCOM products with GIBIC-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	SC
Range / at the optical interface / depending on the optical fiber used	10 km

Permitted ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> during operation during storage during transport Note 	-40 ... +85 °C -40 ... +80 °C -40 ... +80 °C A maximum ambient operating temperature of +85 °C is permissible for a duration of 16 hours
Relative humidity / at 25 °C / without condensation / during operation / maximum	95 %
Protection class IP	IP20

Design, dimensions and weight

Design	GIBIC-Module
Net weight	0.01 kg
Coating	no
Mounting type	latched

Standards, specifications, approvals

Standard	
<ul style="list-style-type: none"> for safety / from CSA and UL for emitted interference for interference immunity 	UL 60950-1, CSA C22.2 No. 60950-7 EN 61000-6-4 (Class A) EN 61000-6-2
Certificate of suitability	EN 61000-6-2, EN 61000-6-10
<ul style="list-style-type: none"> CE marking C-Tick 	Yes No

- KC approval
- E1 approval
- IEC 61850-3

No
No
Yes

Further Information / Internet Links

Internet-Link

- to website: Industry Mall/RUGGEDCOM selector
- to website: Siemens RUGGEDCOM
- to website: Selector for cables and connectors
- to website: Industrial communication
- to website: Industry Mall
- to website: Information and Download Center
- to website: Image database
- to website: CAx Download Manager
- to website: Industry Online Support

<http://ruggedcom-selector.automation.siemens.com>

<http://siemens.com/ruggedcom>

<http://www.siemens.com/snst>

<http://www.siemens.com/simatic-net>

<https://mall.industry.siemens.com>

<http://www.siemens.com/automation/net/catalog>

<http://automation.siemens.com/bilddb>

<http://www.siemens.com/cax>

<https://support.industry.siemens.com>

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