

product type designation	RUGGEDCOM Media Module FX09
	Media Module for RUGGEDCOM RSG2100, RSG2100P, RSG2300, RSG2300P, RS416 and RS416P, 2 x 100MBit/s LC-interface, Optical: 100BASE-FX, Multi Mode fiber optic for up to 90 kilometer, 1310nm. (FX09). Requires the in-field modification kit, 6GK6000-1BC50-0AA1.
Technical Product Detail Page	https://l.siemens.com/1P6GK6000-8FX18-2AA0
suitability for operation	RSG2xxx
interfaces	
number of electrical/optical connections / for network components or terminal equipment / maximum	2
number of optical interfaces / for network components or terminal equipment / maximum	2
number of 100 Mbit/s SC ports / for multimode / integrated	2
design of the optical interface / for network components or terminal equipment	SC
range / at the optical interface / depending on the optical fiber used	90 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 %
protection class IP	IP40 (when installed)
design, dimensions and weights	
design	Media module
product feature / conformal coating	No
fastening method	screwed
• installation in media module slot	Yes
standards, specifications, approvals	
standard	
• for EMC	FCC Part 15 (Class A), EN55022 (CISPR22 Class A)
• for safety / from CSA and UL	UL 60950-1, CSA C22.2 No. 60950-7
• for hazardous zone / from CSA and UL	Hazardous Locations: Class 1 Division 2
• 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
standards, specifications, approvals / Environmental Product Declaration	
Environmental Product Declaration	Yes
global warming potential [CO2 eq]	
• total	259.55 kg
• during manufacturing	13.3 kg
• during operation	246.21 kg
• after end of life	0.04 kg

further information / internet links

internet link

- to website: Selection guide for cables and connectors
- to website: Industry Mall/RUGGEDCOM selector
- to website: Industrial communication
- to website: Siemens RUGGEDCOM
- to web page: SiePortal
- to website: Image database
- to website: CAx-Download-Manager
- to website: Industry Online Support

<https://support.industry.siemens.com/cs/ww/en/view/109766358>
<https://www.siemens.com/ruggedcom-selector>
<https://www.siemens.com/simatic-net>
<https://www.siemens.com/ruggedcom>
<https://sieportal.siemens.com/>
<https://www.automation.siemens.com/bilddb>
<https://www.siemens.com/cax>
<https://support.industry.siemens.com>

security information

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Approvals / Certificates

General Product Approval	other	Environment
Manufacturer Declaration	inspection certificate	

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