SIEMENS

Data sheet 6GT2191-0BH50

product type designation	**Cable RS232/5V, M12 / RJ50**
product description	Spiral communication line (6-core) with a working length from 1.6 m to 4 m
	SIMATIC RF, MV plug-in cable, pre-assembled, between RF166C, RF170C or RF18xC/CI and MV320; coiled, length 5 m useful length 1.6 to 4 m.



product brand name	SIMATIC MV
Technical Product Detail Page	https://i.siemens.com/1P6GT2191-0BH50
suitability for use	Plug-in cable for connecting an MV320 to a communication module
cable designation	Spiral cable 4x0.14 WL=800 mm elongation 1:4
wire length	4 m
electrical data	
number of electrical connections	2
type of electrical connection	M12 (male, 8 pin, straight) / RJ-50
operating voltage	
● maximum	300 V
mechanical data	
number of electrical cores	4
design of the shield	Braided shield made of tin-plated copper wires
outer diameter	
● of cable sheath	4.6 mm
material	
● of the wire insulation	TPE-E
● of cable sheath	PUR
color	
● of the insulation of data wires	DIN 47100
● of cable sheath	Black
tensile load / maximum	5.6 N
net weight	0.2 kg
ambient conditions	
ambient temperature	
● during operation	-25 ... +70 °C
● during storage	-25 ... +70 °C
● during transport	-25 ... +70 °C
● during installation	-25 ... +70 °C
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 web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
● to web page: SiePortal	https://sieportal.siemens.com/
● to website: Image database	https://www.automation.siemens.com/bilddb
● to website: CAx-Download-Manager	https://www.siemens.com/cax
● to website: Industry Online Support	https://support.industry.siemens.com

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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

CE EG-Konf. UKCA EAC

China RoHS

Manufacturer Declaration

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