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Data sheet 6GT2891-2UH30

product type designation	**Connecting cable RS232, open end / PicoBlade**
product description	Communication cable (4-core)
	SIMATIC RF1000 connecting cable, pre-assembled RS232; between RF1040R or RF1070R and controllers; connection with open ends, black, length 3 m.



product brand name	SIMATIC RF
Technical Product Detail Page	https://i.siemens.com/1P6GT2891-2UH30
suitability for use	plug-in cable for connecting an RF1000 reader with an RS-232 module with screw connection (for example, ET 200SP)
cable designation	LiYCY 4x AWG26
wire length	3 m
electrical data	
number of electrical connections	2
type of electrical connection	Open end / PicoBlade 51021 5-pole
loop resistance per length / maximum	130 mΩ/m
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	PVC
● of cable sheath	Special PVC, flame resistant according to UL-VW-1
color	
● of the insulation of data wires	international color code
● of cable sheath	Black
bending radius	
● with single bend / minimum permissible	69 mm
● with multiple bends / minimum permissible	69 mm
weight per length	35 kg/km
ambient conditions	
ambient temperature	
● during operation	-15 ... +80 °C
● during storage	-30 ... +80 °C
● during transport	-30 ... +80 °C
● during installation	-15 ... +80 °C
fire behavior	flame resistant according to IEC 60332-1-2
chemical resistance	
● to mineral oil	resistant
● to water	resistant

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radiological resistance / to UV radiation	resistant
product features, product functions, product components / general	
product feature	
● halogen-free	No
● silicon-free	Yes
standards, specifications, approvals	
UL/ETL listing / 300 V Rating	Yes; UL AWM 2464/2517 (only cable without plug)
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
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. EAC UKCA

last modified: 3/10/2026

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