

Product type designation

Product description

Connecting cable RS232, open end / PicoBlade

Communication cable (4-core)

SIMATIC RF1000 connecting cable, pre-assembled RS 232, between RF1070R and controllers with bare ends Black, length 3 m



Suitability for use	Plug-in cable for connecting a reader with an RS232 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 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
Burning behavior	flame resistant according to IEC 60332-1-2
Chemical resistance	
• to mineral oil	resistant
• to water	resistant
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)
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Further information / Internet-Links

Internet-Link	
• to website: Industrial communication	http://www.siemens.com/ident/rfid
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx Download Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com

last modified: 05/15/2020