

product type designation

product description

Connecting cable RS232, open end / PicoBlade

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.



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

radiological resistance / to UV radiation

resistant

product features, product functions, product components / general

product feature

• halogen-free • silicon-free	No Yes
standards, specifications, approvals	
UL/ETL listing / 300 V Rating	Yes; UL AWM 2464/2517 (only cable without plug)
reference code	
• according to IEC 81346-2 • according to IEC 81346-2:2019	WG WGB
further information / internet-Links	
Internet-Link	
• to web page: selection aid TIA Selection Tool • 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	https://support.industry.siemens.com/cs/ww/en/view/67384964 http://www.siemens.com/ident/rfid https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter http://automation.siemens.com/bilddb http://www.siemens.com/cax https://support.industry.siemens.com
last modified:	11/18/2021 