

product type designation

product description

Cable RS232, Sub-D / M12 / open strands

Highly flexible communication line (6-core)

SIMATIC RF200/RF300 connecting cable, pre-assembled, between reader and PC (RS232), PUR, trailing, length 5 m 24 V-side w. bare ends.



suitability for use

Plug-in cable for connecting an RS 232 reader to a PC

cable designation

L-YC11Y 6x1x0.25 6x24AWG CM

wire length

5 m

electrical data

number of electrical connections

2

type of electrical connection

Sub-D (female, 9 pin, straight) / M12 (female, 8 pin, straight) / wire end sleeves (labeled)

loop resistance per length / maximum

160 mΩ/m

insulation resistance coefficient

20 GΩ·m

operating voltage

• maximum

300 V

mechanical data

number of electrical cores

6

design of the shield

Braided shield made of tin-plated copper wires

outer diameter

• of cable sheath

5.4 mm

symmetrical tolerance of the outer diameter / of cable sheath

0.2 mm

material

• of the wire insulation

PVC

• of cable sheath

PUR

color

• of the insulation of data wires

DIN 47100

• of cable sheath

Black

bending radius

• with single bend / minimum permissible

21.6 mm

• with multiple bends / minimum permissible

43 mm

• with continuous bending

75 mm

number of bending cycles

3000000

tensile load / maximum

200 N

weight per length

45 kg/km

ambient conditions

ambient temperature

• during operation

-30 ... +80 °C

• during storage

-30 ... +80 °C

• during transport

-30 ... +80 °C

• during installation

-30 ... +80 °C

fire behavior

flame resistant according to IEC 60332-1-2

class of burning behaviour / according to EN 13501-6

Eca

chemical resistance	
- to mineral oil - to grease	resistant 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; CM (only cable without plug)
certificate of suitability	
EAC approval	Yes
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 