

product type designation

product description

Antenna cable for HF, M8 / M8

Highly flexible coaxial cable

SIMATIC RF200/RF300 Antenna connection cable PUR, UL 758, Length 3 m trailing connector M8 straight/M8 angled to be connected between reader and antenna



suitability for use

plug-in cable for connecting a short-range HF antenna ANT 3, 3S, 8, 12, 18, 30 to a reader via M8 plug

cable designation

2YCC11Y 0.9/2.85 LI VZN BK

wire length

3 m

electrical data

number of electrical connections

2

type of electrical connection

M8 (male, 4 pin, straight) / M8 (male, 4 pin, angled)

impedance

• rated value

50 Ω

loop resistance per length / maximum

74 m Ω /m

operating voltage

• maximum

300 V

mechanical data

design of the shield

Braided shield made of tin-plated copper wires

outer diameter

• of cable sheath

5.6 mm

material

• of dielectric

PE

• of cable sheath

PUR

color

• of cable sheath

Black

bending radius

• with single bend / minimum permissible

22.4 mm

• with multiple bends / minimum permissible

44.8 mm

• with continuous bending

75 mm

number of bending cycles

3000000

weight per length

51 kg/km

ambient conditions

ambient temperature

• during operation

-40 ... +80 °C

• during storage

-40 ... +80 °C

• during transport

-40 ... +80 °C

• during installation

-40 ... +80 °C

fire behavior

flame resistant according to IEC 60332-1-2

radiological resistance / to UV radiation

resistant

product features, product functions, product components / general

product feature

• halogen-free • silicon-free	Yes Yes
standards, specifications, approvals	
UL/ETL listing / 300 V Rating	Yes; UL style 1581, Sec. 1090 (H)
reference code	
• acc. 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
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