

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 0.6 m trailing plug 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 12, 18 to a reader via M8 plug

cable designation

2YCC11Y 0.9/2.85 LI VZN BK

wire length

0.6 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 mΩ/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

Yes

silicon-free	Yes
standards, specifications, approvals	
UL/ETL listing / 300 V Rating	Yes; UL style 1581, Sec. 1090 (H)
reference code	
- according to IEC 81346-2 - according to IEC 81346-2:2019	WG WGB
further information / internet links	
internet link	
- to website: Selection guide for cables and connectors - to web page: selection aid TIA Selection Tool - to web page: SiePortal - to website: Image database - to website: CAX-Download-Manager - to website: Industry Online Support	https://support.industry.siemens.com/cs/ww/en/view/109766358 https://www.siemens.com/tstcloud https://sieportal.siemens.com/ https://www.automation.siemens.com/bilddb https://www.siemens.com/cax https://support.industry.siemens.com
security information	
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