

**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
- of cable sheath

PE

PUR

color

- of cable sheath

Black

bending radius

- with single bend / minimum permissible
- with multiple bends / minimum permissible
- with continuous bending

22.4 mm

44.8 mm

75 mm

number of bending cycles

3000000

weight per length

51 kg/km

**ambient conditions**

ambient temperature

- during operation
- during storage
- during transport
- during installation

-40 ... +80 °C

-40 ... +80 °C

-40 ... +80 °C

-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

<ul style="list-style-type: none"> <li>silicon-free</li> </ul>	Yes
<b>standards, specifications, approvals</b>	
UL/ETL listing / 300 V Rating	Yes; UL style 1581, Sec. 1090 (H)
reference code	
<ul style="list-style-type: none"> <li>according to IEC 81346-2</li> </ul>	WG
<ul style="list-style-type: none"> <li>according to IEC 81346-2:2019</li> </ul>	WGB
<b>further information / internet links</b>	
internet link	
<ul style="list-style-type: none"> <li>to web page: selection aid TIA Selection Tool</li> </ul>	<a href="https://support.industry.siemens.com/cs/ww/en/view/67384964">https://support.industry.siemens.com/cs/ww/en/view/67384964</a>
<ul style="list-style-type: none"> <li>to website: Industrial communication</li> </ul>	<a href="http://www.siemens.com/ident/rfid">http://www.siemens.com/ident/rfid</a>
<ul style="list-style-type: none"> <li>to website: Industry Mall</li> </ul>	<a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>
<ul style="list-style-type: none"> <li>to website: Information and Download Center</li> </ul>	<a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a>
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<ul style="list-style-type: none"> <li>to website: CAx-Download-Manager</li> </ul>	<a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>
<ul style="list-style-type: none"> <li>to website: Industry Online Support</li> </ul>	<a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>

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