

**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 plug M8 straight/M8 angled to be connected between reader and antenna.



Technical Product Detail Page

<https://l.siemens.com/1P6GT2391-0AH30>

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 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	
<ul style="list-style-type: none"> <li>• halogen-free</li> <li>• silicon-free</li> </ul>	<p>Yes</p> <p>Yes</p>

**standards, specifications, approvals**

UL/ETL listing / 300 V Rating	Yes; UL style 1581, Sec. 1090 (H)
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**further information / internet links**

internet link	
<ul style="list-style-type: none"> <li>• to website: Selection guide for cables and connectors</li> <li>• to web page: selection aid TIA Selection Tool</li> <li>• to web page: SiePortal</li> <li>• to website: Image database</li> <li>• to website: CAx-Download-Manager</li> <li>• to website: Industry Online Support</li> </ul>	<p><a href="https://support.industry.siemens.com/cs/ww/en/view/109766358">https://support.industry.siemens.com/cs/ww/en/view/109766358</a></p> <p><a href="https://www.siemens.com/tstcloud">https://www.siemens.com/tstcloud</a></p> <p><a href="https://sieportal.siemens.com/">https://sieportal.siemens.com/</a></p> <p><a href="https://www.automation.siemens.com/bilddb">https://www.automation.siemens.com/bilddb</a></p> <p><a href="https://www.siemens.com/cax">https://www.siemens.com/cax</a></p> <p><a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a></p>

**security information**

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**Approvals / Certificates**

**General Product Approval**



[China RoHS](#)

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**EMV**

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