

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.



Technical Product Detail Page

<https://l.siemens.com/1P6GT2391-0AE60>

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	
<ul style="list-style-type: none"> • halogen-free • silicon-free 	<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"> • 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 	<p>https://support.industry.siemens.com/cs/ww/en/view/109766358</p> <p>https://www.siemens.com/tstcloud</p> <p>https://sieportal.siemens.com/</p> <p>https://www.automation.siemens.com/bilddb</p> <p>https://www.siemens.com/cax</p> <p>https://support.industry.siemens.com</p>

security information

security information	<p>Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)</p>
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Approvals / Certificates

General Product Approval



[China RoHS](#)

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