

product type designation

product description

Antenna cable for UHF, RP-TNC / RP-TNC

Highly flexible coaxial cable

SIMATIC RF600 connecting cable for antenna L5; pre-assembled, between reader and antenna; IP65; trailing ; PE, CMR/MPR, length 5 m.



Technical Product Detail Page

<https://l.siemens.com/1P6GT2815-2BH50>

suitability for use

Plug-in cable for connecting a UHF antenna to an RF600 reader

cable designation

O2YS(ST)CY 1.4/3.7-50LI

wire length

5 m

electrical data

number of electrical connections

2

type of electrical connection

R-TNC (female, straight) / R-TNC (female, straight)

attenuation factor per length

- at 900 MHz / maximum

0.288 dB/m

impedance

- rated value

50 Ω

loop resistance per length / maximum

30 mΩ/m

operating voltage

- maximum

1000 V

mechanical data

design of the shield

Braided shield made of tin-plated copper wires

outer diameter

- of cable sheath

5.5 mm

symmetrical tolerance of the outer diameter / of cable sheath

0.2 mm

material

- of inner conductor
- of dielectric
- of cable sheath

Cu

PE

PVC

color

- of cable sheath

Black

bending radius

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

22 mm

44 mm

100 mm

number of bending cycles

100000

number of torsion cycles / with torsion by ± 180° on 1 m cable length

3000000

tensile load / maximum

190 N

weight per length

42 kg/km

ambient conditions

ambient temperature

- during operation

-25 ... +80 °C

<ul style="list-style-type: none"> • during storage • during transport • during installation 	-25 ... +80 °C
fire behavior	Flame-resistant in line with UL style 1354 (only cable without plug)
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 	No Yes

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 	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

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](#)



EMV

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