

product type designation

product description

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

Coaxial cable

SIMATIC RF600 connecting cable for antenna L20 pre-assembled, between reader and antenna, IP65, PE, CMR/MPR, length 20 m.



suitability for use

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

cable designation

LMR-300

wire length

20 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

0.199 dB/m

impedance

- rated value

50 Ω

loop resistance per length / maximum

14.3 mΩ/m

operating voltage

- maximum

2000 V

mechanical data

design of the shield

Braided shield made of tin-plated copper wires

outer diameter

- of cable sheath

7.62 mm

material

- of inner conductor
- of dielectric
- of cable sheath

Cu

PE

PE

color

- of cable sheath

Black

bending radius

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

22.2 mm

76.2 mm

tensile load / maximum

535 N

weight per length

80 kg/km

ambient conditions

ambient temperature

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

-40 ... +85 °C

-70 ... +85 °C

-40 ... +85 °C

-40 ... +80 °C

fire behavior

Flame-resistant acc. to UL/NEC, CSA: CMR, FT4 (only cable without plug)

radiological resistance / to UV radiation

resistant

product features, product functions, product components / general

product feature

- halogen-free

No

standards, specifications, approvals

reference code

- according to IEC 81346-2
- according to IEC 81346-2:2019

WG

WGB

further information / internet links

internet link

- to web page: selection aid TIA Selection Tool
- to website: Industrial communication
- to website: Industry Mall
- to website: Information and Download Center
- to website: Image database
- to website: CAx-Download-Manager
- to website: Industry Online Support

<https://support.industry.siemens.com/cs/ww/en/view/67384964>

<http://www.siemens.com/ident/rfid>

<https://mall.industry.siemens.com>

<http://www.siemens.com/industry/infocenter>

<http://automation.siemens.com/bilddb>

<http://www.siemens.com/cax>

<https://support.industry.siemens.com>

last modified:

8/29/2023 