

**product type designation**

product description

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

Coaxial cable

SIMATIC RF600 connecting cable antenna L3 pre-assembled, between reader and antenna, IP65, PE, CMR/MPR, length 3 m.



suitability for use

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

cable designation

LMR-195

wire length

3 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

0.365 dB/m

impedance

- rated value

50 Ω

loop resistance per length / maximum

41 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

4.95 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

12.7 mm

50.8 mm

tensile load / maximum

180 N

weight per length

30 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>

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