

product type designation

product description

Cable for Ethernet, IE FC RJ45 / IE Push Pull

Highly flexible cable for Industrial Ethernet

-- spare part -- SIMATIC RF600 connecting cable Ethernet L10 crossed, between RF600 reader and PC; IP65 at RF600 reader; length 10 m; not for RF660R.



product brand name

SIMATIC RF

suitability for use

Plug-in cable for connecting two Ethernet devices

cable designation

2YY (ST) CY 2x2x0,75/1,5-100 LI GN

wire length

10 m

electrical data

number of electrical connections

2

type of electrical connection

IE FC RJ45 / IE Push Pull

loop resistance per length / maximum

120 mΩ/m

operating voltage

- maximum

100 V

mechanical data

number of electrical cores

4

design of the shield

Overlapped aluminum-clad foil, sheathed in a braided screen of tin-plated copper wires

outer diameter

- of cable sheath

6.5 mm

symmetrical tolerance of the outer diameter / of cable sheath

0.2 mm

material

- of the wire insulation
- of cable sheath

polyethylene (PE)
PUR

color

- of the insulation of data wires
- of cable sheath

white, yellow, blue, orange
green

bending radius

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

32.5 mm
49 mm
100 mm

number of bending cycles

3000000

tensile load / maximum

150 N

weight per length

68 kg/km

ambient conditions





ambient temperature

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

-25 ... +75 °C
-25 ... +75 °C
-25 ... +75 °C
-10 ... +60 °C

fire behavior

flame resistant according to UL 1685 (CSA FT 4)

chemical resistance	
<ul style="list-style-type: none"> to mineral oil to grease 	conditional resistance resistant
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
standards, specifications, approvals	
UL/ETL listing / 300 V Rating	Yes; c(UL)us, CMG / PLTC / Sun Res / OIL RES
further information / internet links	
internet link	
<ul style="list-style-type: none"> to web page: selection aid TIA Selection Tool to website: Image database to website: CAx-Download-Manager to website: Industry Online Support 	https://www.siemens.com/tstcloud https://www.automation.siemens.com/bilddb https://www.siemens.com/cax https://support.industry.siemens.com
Approvals / Certificates	
General Product Approval	EMV
 	China RoHS  

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