

**product type designation**

product description

**Cable RS232/5V, M12 / RJ50**

Spiral communication line (6-core) with a working length from 1.6 m to 4 m

SIMATIC RF, MV plug-in cable, pre-assembled, between RF166C, RF170C or RF18xC/CI and MV320; coiled, length 5 m useful length 1.6 to 4 m.



product brand name

SIMATIC MV

Technical Product Detail Page

<https://l.siemens.com/1P6GT2191-0BH50>

suitability for use

Plug-in cable for connecting an MV320 to a communication module

cable designation

Spiral cable 4x0.14 WL=800 mm elongation 1:4

wire length

4 m

**electrical data**

number of electrical connections

2

type of electrical connection

M12 (male, 8 pin, straight) / RJ-50

operating voltage

- maximum

300 V

**mechanical data**

number of electrical cores

4

design of the shield

Braided shield made of tin-plated copper wires

outer diameter

- of cable sheath

4.6 mm

material

- of the wire insulation

TPE-E

- of cable sheath

PUR

color

- of the insulation of data wires

DIN 47100

- of cable sheath

Black

tensile load / maximum

5.6 N

net weight

0.2 kg

**ambient conditions**

ambient temperature

- during operation

-25 ... +70 °C

- during storage

-25 ... +70 °C

- during transport

-25 ... +70 °C

- during installation

-25 ... +70 °C

**further information / internet links**

internet link

- to website: Selection guide for cables and connectors

<https://support.industry.siemens.com/cs/ww/en/view/109766358>

- to web page: selection aid TIA Selection Tool

<https://www.siemens.com/tstcloud>

- to web page: SiePortal

<https://sieportal.siemens.com/>

- to website: Image database

<https://www.automation.siemens.com/bilddb>

- to website: CAx-Download-Manager

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

- to website: Industry Online Support

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

## security information

### security information

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## Approvals / Certificates

### General Product Approval



[China RoHS](#)

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