

### 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.



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
- of cable sheath

TPE-E  
PUR

color

- of the insulation of data wires
- of cable sheath

DIN 47100  
Black

tensile load / maximum

5.6 N

net weight

0.2 kg

### ambient conditions

ambient temperature

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

-25 ... +70 °C  
-25 ... +70 °C  
-25 ... +70 °C  
-25 ... +70 °C

### 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: SiePortal
- to website: Image database
- to website: Industry Online Support

<https://sieportal.siemens.com/>  
<https://www.automation.siemens.com/bilddb>  
<https://support.industry.siemens.com>

### security information

security information

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#### Approvals / Certificates

General Product Approval

Environment



[Confirmation](#)

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