

Product type designation

Product description

Cable RS422, wire end sleeves / M12

Highly flexible communication line (6-core)
SIMATIC RF, MV CONNEX. CABLE, PREFABRICATED, BETWEEN
ASM 475 AND READER, OR 24V CABLE FOR RF650R, RF68XR,
PUR, CMG, TRAILING, LENGTH 5 M



| | |
|---|--|
| Suitability for use | Plug-in cable for connecting a reader to the ASM 475 communication module or 24V power supply of the RF650R and RF68xR readers |
| Cable designation | L-YC11Y 6x1x0.25 6x24AWG CMG |
| Cable length | 5 m |
| Electrical data | |
| Number of electrical connections | 1 |
| Type of electrical connection | wire end sleeves (labeled) / M12 (female, 8 pin, straight) |
| Loop resistance per length / maximum | 160 mΩ/m |
| Insulation resistance coefficient | 20 GΩ·m |
| Operating voltage | |
| • maximum | 300 V |
| Mechanical data | |
| Number of electrical cores | 6 |
| Design of the shield | Braided shield made of tin-plated copper wires |
| Outer diameter | |
| • of cable sheath | 5.4 mm |
| Symmetrical tolerance of the outer diameter / of cable sheath | 0.2 mm |
| Material | |
| • of the wire insulation | PVC |
| • of cable sheath | PUR |
| Color | |
| • of the insulation of data wires | DIN 47100 |

| | |
|---|----------|
| • of cable sheath | Black |
| Bending radius | |
| • with single bend / minimum permissible | 21.6 mm |
| • with multiple bends / minimum permissible | 43 mm |
| • with continuous bending | 75 mm |
| Number of bending cycles | 3000000 |
| Tensile load / maximum | 200 N |
| Weight per length | 45 kg/km |

Permitted ambient conditions

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|---|--|
| Ambient temperature | |
| • during operation | -30 ... +80 °C |
| • during storage | -30 ... +80 °C |
| • during transport | -30 ... +80 °C |
| • during installation | -30 ... +80 °C |
| Burning behavior | flame resistant according to IEC 60332-1-2 |
| Chemical resistance | |
| • to mineral oil | resistant |
| • to grease | Resistant |
| Radiological resistance / to UV radiation | resistant |

Product properties, functions, components / general

| | |
|------------------|-----|
| Product property | |
| • halogen-free | No |
| • silicon-free | Yes |

Further Information / Internet Links

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|---|---|
| Internet-Link | |
| • to website: Industry Mall | https://mall.industry.siemens.com |
| • to website: Information and Download Center | http://www.siemens.com/automation/net/catalog |
| • to website: Image database | http://automation.siemens.com/bilddb |
| • to website: CAx Download Manager | http://www.siemens.com/cax |
| • to website: Industry Online Support | https://support.industry.siemens.com |

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