

Product-type designation	
Cable RS422, M12 / M12 tilted	
SIMATIC RF, MV M12-CONNECT. CABLE, PREASSEMBLED, BETWEEN ASM 456, RF160C, RF170C, RF18XC AND READER PUR, CMG, TRAILING, LENGTH 2 M READER-CONNECTOR ANGLED	
	
Cable designation	L-YC11Y 6x1x0.25 6x24AWG CMG
Cable length	2 m
Electrical data	
Number of electrical connections	2
Loop resistance per length / maximum	160 Ω/km
Insulation resistance coefficient	20 GΩ·m
Operating voltage	
• Maximum	300 V
Mechanical data	
Number of electrical wires	6
Design of shield	Braided shield made of tin-plated copper wires
Outer diameter	
• of the cable sheath	5.4 mm
Symmetrical tolerance of outer diameter / of cable sheath	0.2 mm
Material	
• of the wire insulation	PVC
• of the cable sheath	PUR
Color	
• of the 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
• Note	For use in cable carriers, for 3 million bending cycles with a bending radius of 75 mm and an acceleration of 20 m/s ²
Traction stress / maximum	200 N
Weight per length	45 kg/km

Permitted ambient conditions

Ambient temperature	
• during operating	-30 ... +80 °C
• during storage	-30 ... +80 °C
• during transport	-30 ... +80 °C
• during installation	-30 ... +80 °C
Burning behaviour	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 feature	
• halogen-free	No
• silicon-free	Yes

Standards, specifications, approvals

UL/ETL listing / with 300 V rating	Yes: CMG
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Further Information / Internet Links

Internet-Link	
• to website: Industry Mall	https://www.siemens.com/industrymall
• to website: Industrial communication	http://www.siemens.com/simatic-net
• 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	http://support.automation.siemens.com

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