

Product-type designation		Cable RS422, wire end sleeves / M12
Cable designation		SIMATIC RF, MV CONNEC. CABLE, PREFABRICATED, BETWEEN ASM 475 AND READER, PUR, CMG, TRAILING, LENGTH 2 M
Cable length		2 m
Electrical data		
Number of electrical connections		1
Loop resistance per length / maximum		160 Ω /km
Insulation resistance coefficient		20 G Ω ·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
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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