

Product type designation	Adaptor cable RS422, EN 175201-804 / M12
Product description	Highly flexible communication line (6-core) MOBY to RF300 adapter plug-in cable, pre-assembled, from MOBY I/E/U connector to M12 connector for RF300 reader, PUR, trailing, length 0.3 m
Suitability for use	Adapter cable for migration from MOBY I to RF300
Cable designation	L-YC11Y 6x1x0.25 6x24AWG CM
Wire length	0.3 m

Electrical data

Number of electrical connections	2
Type of electrical connection	EN 175201-804 (male, 7 pin, straight) / 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

Ambient conditions

Ambient temperature	
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<ul style="list-style-type: none"> • during operation • during storage • during transport • during installation 	-30 ... +80 °C
Burning behavior	flame resistant according to IEC 60332-1-2
Chemical resistance	
<ul style="list-style-type: none"> • to mineral oil • to grease 	resistant
Radiological resistance / to UV radiation	resistant

Product features, product functions, product components / general

Product feature	
<ul style="list-style-type: none"> • halogen-free • silicon-free 	No Yes

Standards, specifications, approvals

UL/ETL listing / 300 V Rating	Yes; CM (only cable without plug)
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Further information / Internet-Links

Internet-Link	
<ul style="list-style-type: none"> • to website: Selector SIMATIC NET SELECTION TOOL • to website: Industrial communication • to website: Industry Mall • to website: Information and Download Center • to website: Image database • to website: CAx Download Manager • to website: Industry Online Support 	https://support.industry.siemens.com/cs/ww/en/view/67384964 http://www.siemens.com/ident/rfid https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter http://automation.siemens.com/bilddb http://www.siemens.com/cax https://support.industry.siemens.com

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