

Product type designation

Product description

Cable SINAUT ST7, CC 701-5A

Plug-in cable, preferred length, preassembled
SINAUT ST7, CONNECTING CABLE FOR CONNECTING A TIM TO
THE GSM MODEM MC45T OR MD720-3 VIA THE RS232
INTERFACE; ALSO SUITABLE FOR THIRD-PARTY MODEMS OR
RADIO DEVICES WITH STANDARD RS232 INTERFACE; CABLE
LENGTH 2.5 M



Figure similar

Suitability for use	For connecting a TIM to a GSM modem, e.g. MD720 modem, via an RS232 interface
Cable designation	LIYCY- 10x1x0,14
Wire length	2.5 m

Electrical data

Insulation resistance coefficient	20 GΩ·m
Capacity per length / at 1 kHz	160 pF/m
Inductance per length	0.65 μH/m
Operating voltage	
• RMS value	250 V
• maximum	350 V

Mechanical data

Number of electrical cores	10
Design of the shield	Braided shield made of tin-plated copper wires
Outer diameter	
• of inner conductor	0.14 mm

• of cable sheath	6.1 mm
Material	
• of the wire insulation	PVC
• of cable sheath	PVC
Color	
• of the insulation of data wires	various colors according to DIN 47100
• of cable sheath	gray
Bending radius	
• with single bend / minimum permissible	30.5 mm
• with multiple bends / minimum permissible	61 mm
Weight per length	66 kg/km

Permitted ambient conditions

Ambient temperature	
• during operation	-5 ... +70 °C
• during storage	-5 ... +70 °C
• during transport	-5 ... +70 °C
• during installation	70 °C
Burning behavior	flame resistant according to IEC 60332-1
Chemical resistance	
• to mineral oil	conditional resistance
• to grease	Conditional resistance
Radiological resistance / to UV radiation	not resistant

Product properties, functions, components / general

Product feature	
• halogen-free	No
• silicon-free	Yes

Standards, specifications, approvals

Marine classification association	
• American Bureau of Shipping Europe Ltd. (ABS)	No
• Bureau Veritas (BV)	No
• Det Norske Veritas (DNV)	No
• Germanische Lloyd (GL)	No
• Lloyds Register of Shipping (LRS)	No
• Nippon Kaiji Kyokai (NK)	No
• Polski Rejestr Statkow (PRS)	No

Further Information / Internet Links

Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net

- 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://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>

last modified:

08/11/2016