

### 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

<ul style="list-style-type: none"> <li>• of cable sheath</li> </ul>	6.1 mm
Material	
<ul style="list-style-type: none"> <li>• of the wire insulation</li> <li>• of cable sheath</li> </ul>	PVC PVC
Color	
<ul style="list-style-type: none"> <li>• of the insulation of data wires</li> <li>• of cable sheath</li> </ul>	various colors according to DIN 47100 gray
Bending radius	
<ul style="list-style-type: none"> <li>• with single bend / minimum permissible</li> <li>• with multiple bends / minimum permissible</li> </ul>	30.5 mm 61 mm
Weight per length	66 kg/km

Permitted ambient conditions	
Ambient temperature	
<ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> <li>• during transport</li> <li>• during installation</li> </ul>	-5 ... +70 °C -5 ... +70 °C -5 ... +70 °C 70 °C
Burning behavior	flame resistant according to IEC 60332-1
Chemical resistance	
<ul style="list-style-type: none"> <li>• to mineral oil</li> <li>• to grease</li> </ul>	conditional resistance Conditional resistance
Radiological resistance / to UV radiation	not resistant

Product properties, functions, components / general	
Product feature	
<ul style="list-style-type: none"> <li>• halogen-free</li> <li>• silicon-free</li> </ul>	No Yes

Standards, specifications, approvals	
Marine classification association	
<ul style="list-style-type: none"> <li>• American Bureau of Shipping Europe Ltd. (ABS)</li> <li>• Bureau Veritas (BV)</li> <li>• Det Norske Veritas (DNV)</li> <li>• Germanische Lloyd (GL)</li> <li>• Lloyds Register of Shipping (LRS)</li> <li>• Nippon Kaiji Kyokai (NK)</li> <li>• Polski Rejestr Statkow (PRS)</li> </ul>	No No No No No No No

Further Information / Internet Links	
Internet-Link	
<ul style="list-style-type: none"> <li>• to website: Selector SIMATIC NET SELECTION TOOL</li> <li>• to website: Industrial communication</li> </ul>	<a href="http://www.siemens.com/snst">http://www.siemens.com/snst</a> <a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a>

- 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>

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