SIEMENS

Data sheet 6NH7701-4BN

product type designation	**Steckleitung SINAUT ST7, CC 701-4B**
product description	Plug-in cable, preferred length, preassembled SINAUT ST7, Plug-in cable with bare end on one side for connection of a TIM with a third-party modem or radio equipment via the RS232 interface; Cable length 2.5 m



Figure similar

suitability for use	For connecting a TIM with a third-party modem or radio unit over an RS232 interface, one free end
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

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• 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

ambient conditions

ambient temperature	
• during operation	-5 ... +70 °C
• during storage	-5 ... +70 °C
• during transport	-5 ... +70 °C
• during installation	70 °C
fire 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 features, product functions, product components / general

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

standards, specifications, approvals

Marine classification association	
• American Bureau of Shipping Europe Ltd. (ABS)	No
• French marine classification society (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 TIA Selection Tool	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net

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• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx-Download-Manager	http://www.siemens.com/cax
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