SIEMENS

Data sheet   **6NH7701-0AR**

product type designation	**Cable SINAUT ST7, CC 701-0A**
product description	Plug-in cable, preferred length, preassembled
	SINAUT ST7, Test cable for connection of two TIMS via the RS232 interface without intermediate connection of modems (null modem); Cable length 6 m

Figure similar

suitability for use	For connecting two TIM modules via an RS232 interface without modems
cable designation	LIYCY- 10x1x0,14
wire length	6 m
electrical data	
number of electrical connections	2
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
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	

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● 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
reference code	
● acc. to IEC 81346-2	WG
● according to IEC 81346-2:2019	WGB

further information / internet-Links	
Internet-Link	
● to web page: selection aid TIA Selection Tool	http://www.siemens.com/tia-selection-tool
● to website: Industrial communication	http://www.siemens.com/simatic-net
● 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
● to website: Industry Online Support	https://support.industry.siemens.com

last modified:	12/31/2021 ↗