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Data sheet 6GK5980-3CB00-0AA1

product type designation	**IE connecting cable SFP+/SFP+, 1 m**
product description	pre-assembled IE connecting cable with two SFP-plus connectors, length 1 m
	IE cable SFP+/SFP+; pre-assembled IE cable with SFP-plus connectors; 1 pack=1 unit, length 1 m.



cable designation	02YS(ST)CY 2X2X0,25/0,75-100 PPIMF
wire length	1 m
electrical data	
number of electrical connections	2
attenuation factor per length	
● at 600 MHz / maximum	1 dB/m
impedance	
● rated value	100 Ω
mechanical data	
number of electrical cores	4
design of the shield	Overlapped aluminum-clad foil, sheathed in a braided screen of tin-plated copper wires
AWG number	30
outer diameter	
● of cable sheath	4.1 mm
material	
● of cable sheath	PVC
color	
● of cable sheath	black
bending radius	
● with single bend / minimum permissible	21 mm
● with multiple bends / minimum permissible	41 mm
weight per length	23 kg/km
ambient conditions	
ambient temperature	
● during operation	-25 ... +80 °C
● during storage	-25 ... +80 °C
● during transport	-25 ... +80 °C
● during installation	80 °C
● note	Electrical properties measured at 20 °C, tests according to DIN 47250 part 4 respectively DIN VDE 0472
fire behavior	flame resistant according to IEC 60332-1-2/60332-3-24 (Category C) and UL PLCC
protection class IP	IP20
product features, product functions, product components / general	
product feature	
● halogen-free	No
● silicon-free	No
standards, specifications, approvals	

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certificate of suitability	
● RoHS conformity	Yes
reference code	
● according 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: Selection guide for cables and connectors	https://sie.ag/2QdlxcP
● 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: 11/9/2023

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