SIEMENS

Data sheet 6GK5980-3CB00-0AA1

product type designation	**IE connecting cable SFP+/SFP+, 1 m**
product description	preassembled 10 G 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.



product brand name	SIMATIC NET
Technical Product Detail Page	https://i.siemens.com/1P6GK5980-3CB00-0AA1
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	

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● halogen-free	No
● silicon-free	No
standards, specifications, approvals	
certificate of suitability	
● RoHS conformity	Yes
further information / internet links	
internet link	
● to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358
● to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
● to web page: SiePortal	https://sieportal.siemens.com/
● to website: Image database	https://www.automation.siemens.com/bilddb
● to website: CAx-Download-Manager	https://www.siemens.com/cax
● to website: Industry Online Support	https://support.industry.siemens.com
security information	
security information	Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement - and continuously maintain - a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)

Approvals / Certificates

General Product Approval

CE EG-Konf. | UKCA | Declaration of Conformity | EAC | China RoHS | Manufacturer Declaration

General Product Approval

CE EG-Konf.

last modified: 3/10/2026

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