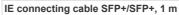
SIEMENS

Data sheet

6GK5980-3CB00-0AA1

product type designation

product description



02YS(ST)CY 2X2X0,25/0,75-100 PPIMF

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.



casio accignation	(- /	
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		

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 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

security information

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

Declaration of Conformity



Confirmation

Environment

last modified:

8/8/2024