

product type designation

product description

IE connecting cable SFP+/SFP+, 1 m

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.



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
- with multiple bends / minimum permissible

21 mm

41 mm

weight per length

23 kg/km

ambient conditions

ambient temperature

- during operation
- during storage
- during transport
- during installation
- note

-25 ... +80 °C

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-25 ... +80 °C

80 °C

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
- silicon-free

No

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	<p>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)</p>
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Approvals / Certificates

General Product Approval	
 EG-Konf.	
Declaration of Conformity	 CCC
	
	China RoHS

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