SIEMENS

## Data sheet 6GK5980-3CB00-0AA1

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| **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. |



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| 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 | |
| ● halogen-free | No |


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| | |
|---|---|
| ● 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 |
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**Approvals / Certificates**

**General Product Approval**

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

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