SIEMENS

## Data sheet 6GK6050-0AL20-0BB1

| | Line Module 8x 100FX Multimode, ST, 2km Conformal Coating |
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| Technical Product Detail Page | https://i.siemens.com/1P6GK6050-0AL20-0BB1 |
| suitability for operation | RX5000 |
| **interfaces** | |
| number of electrical/optical connections / for network components or terminal equipment / maximum | 8 |
| number of optical interfaces / for network components or terminal equipment / maximum | 8 |
| number of 100 Mbit/s ST(BFOC) ports / for multimode / integrated | 8 |
| **ambient conditions** | |
| ambient temperature | |
| ● during operation | -40 ... +85 °C |
| ● during storage | -40 ... +85 °C |
| ● during transport | -40 ... +85 °C |
| ● note | A maximum operating temperature of +85 °C is permissible for a duration of 16 hours |
| relative humidity / at 25 °C / without condensation / during operation / maximum | 95 % |
| protection class IP | IP40 |
| **design, dimensions and weights** | |
| design | Media module |
| width | 40 mm |
| height | 180 mm |
| depth | 240 mm |
| net weight | 1 kg |
| product feature / conformal coating | Yes |
| fastening method | screwed |
| ● installation in media module slot | Yes |
| **standards, specifications, approvals** | |
| standard | |
| ● for EMC | FCC Part 15 (Class A), EN55022 (CISPR22 Class A) |
| ● for safety / from CSA and UL | UL 60950-1, CSA C22.2 No. 60950-7 |
| ● for hazardous zone / from CSA and UL | Hazardous Locations: Class 1 Division 2 |
| ● for emitted interference | EN 61000-6-4 (Class A) |
| ● for interference immunity | EN 61000-6-2 |
| certificate of suitability | EN 61000-6-2, EN 61000-6-10 |
| ● CE marking | Yes |
| ● C-Tick | No |
| ● KC approval | No |
| ● E1 approval | No |
| ● railway application in accordance with EN 50155 | Yes |
| ● railway application in accordance with EN 50124-1 | Yes |
| ● IEC 61850-3 | 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 website: Industry Mall/RUGGEDCOM selector | https://www.siemens.com/ruggedcom-selector |
| ● to website: Industrial communication | https://www.siemens.com/simatic-net |
| ● to website: Siemens RUGGEDCOM | https://www.siemens.com/ruggedcom |
| ● to web page: SiePortal | https://sieportal.siemens.com/ |
| ● to website: Image database | https://www.automation.siemens.com/bilddb |


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| ● to website: CAx-Download-Manager | https://www.siemens.com/cax |
| ● to website: Industry Online Support | https://support.industry.siemens.com |

**security information**

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**Approvals / Certificates**

| General Product Approval | Test Certificates | other | Environment |
|---|---|---|---|
| Manufacturer Declaration | CB | inspection certificate | EPD |

**last modified:** 11/14/2025


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