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## Data sheet 6GT2391-0AH30

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|---|---|
| **product type designation** | **Antenna cable for HF, M8 / M8** |
| product description | Highly flexible coaxial cable |
| | SIMATIC RF200/RF300 Antenna connection cable PUR, UL 758, length 3 m trailing plug M8 straight/M8 angled to be connected between reader and antenna. |



| | |
|---|---|
| suitability for use | plug-in cable for connecting a short-range HF antenna ANT 3, 3S, 8, 12, 18, 30 to a reader via M8 plug |
| cable designation | 2YCC11Y 0.9/2.85 LI VZN BK |
| wire length | 3 m |
| **electrical data** | |
| number of electrical connections | 2 |
| type of electrical connection | M8 (male, 4 pin, straight) / M8 (male, 4 pin, angled) |
| impedance | |
| ● rated value | 50 Ω |
| loop resistance per length / maximum | 74 mΩ/m |
| operating voltage | |
| ● maximum | 300 V |
| **mechanical data** | |
| design of the shield | Braided shield made of tin-plated copper wires |
| outer diameter | |
| ● of cable sheath | 5.6 mm |
| material | |
| ● of dielectric | PE |
| ● of cable sheath | PUR |
| color | |
| ● of cable sheath | Black |
| bending radius | |
| ● with single bend / minimum permissible | 22.4 mm |
| ● with multiple bends / minimum permissible | 44.8 mm |
| ● with continuous bending | 75 mm |
| number of bending cycles | 3000000 |
| weight per length | 51 kg/km |
| **ambient conditions** | |
| ambient temperature | |
| ● during operation | -40 ... +80 °C |
| ● during storage | -40 ... +80 °C |
| ● during transport | -40 ... +80 °C |
| ● during installation | -40 ... +80 °C |
| fire behavior | flame resistant according to IEC 60332-1-2 |
| radiological resistance / to UV radiation | resistant |
| **product features, product functions, product components / general** | |
| product feature | |
| ● halogen-free | Yes |


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| | |
|---|---|
| ● silicon-free | Yes |
| **standards, specifications, approvals** | |
| UL/ETL listing / 300 V Rating | Yes; UL style 1581, Sec. 1090 (H) |
| reference code | |
| ● according to IEC 81346-2 | WG |
| ● according to IEC 81346-2:2019 | WGB |
| **further information / internet links** | |
| internet link | |
| ● to web page: selection aid TIA Selection Tool | https://support.industry.siemens.com/cs/ww/en/view/67384964 |
| ● to website: Industrial communication | http://www.siemens.com/ident/rfid |
| ● to website: Industry Mall | https://mall.industry.siemens.com |
| ● to website: Information and Download Center | http://www.siemens.com/industry/infocenter |
| ● to website: Image database | http://automation.siemens.com/bilddb |
| ● to website: CAx-Download-Manager | http://www.siemens.com/cax |
| ● to website: Industry Online Support | https://support.industry.siemens.com |

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