SIEMENS

## Data sheet 6GT2815-0BN40

**Product type designation**
Product description

**Antenna cable for UHF, RP-TNC / RP-TNC**
Coaxial cable
SIMATIC RF600 connecting cable for antenna L40 pre-assembled, between reader and antenna, IP65 PE, CMR/MPR, Length 40 m
Damping

| | |
|---|---|
| Suitability for use | Plug-in cable for connecting a UHF antenna to an RF600 reader |
| Cable designation | LMR-400-FR LSZH UL |
| Wire length | 40 m |

| Electrical data | |
|---|---|
| Number of electrical connections | 2 |
| Type of electrical connection | RP-TNC (female, straight) / RP-TNC (female, straight) |
| Damping ratio per length | |
| • at 900 MHz / maximum | 0.13 dB/m |
| Impedance | |
| • Rated value | 50 Ω |
| Loop resistance per length / maximum | 14.3 mΩ/m |
| Operating voltage | |
| • maximum | 2000 V |

| Mechanical data | |
|---|---|
| Design of the shield | Braided shield made of tin-plated copper wires |
| Outer diameter | |
| • of cable sheath | 10.3 mm |

| | |
|---|---|
| Material | |
| • of inner conductor | Cu |
| • of dielectric | PE |
| • of cable sheath | PE |
| Color | |
| • of cable sheath | Black |
| Bending radius | |
| • with single bend / minimum permissible | 50 mm |
| Weight per length | 133 kg/km |

## Ambient conditions

| | |
|---|---|
| Ambient temperature | |
| • during operation | -40 ... +85 °C |
| • during storage | -70 ... +85 °C |
| • during transport | -40 ... +85 °C |
| • during installation | -40 ... +80 °C |
| Burning behavior | Flame-resistant acc. to UL/NEC, CSA: CMR, FT4 (only cable without plug) |
| Radiological resistance / to UV radiation | resistant |

## Product features, product functions, product components / general

| | |
|---|---|
| Product feature | |
| • halogen-free | Yes |

## Further information / Internet-Links

| | |
|---|---|
| Internet-Link | |
| • to website: Selector SIMATIC NET 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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