TECHNICAL DATA SHEET

SIEMENS

6XV1875-5CH10

Flexible connecting cable for SIMATIC NET antennas, preassembled N-Connect/R-SMA male/male, length 1 m

PRODUCT PHOTO



Dimensions

Wire length	**1 m**

Product Identity

Product type designation	**SIMATIC NET Antenna Connection Cable N-Connect/RSMA Male/Male**

Application

Suitability for use	**Flexible connecting cable for connecting an antenna to an access point/client**

Electrical Data

Ratio of propagation speed	**82%**
Capacitance per length	**82 pF/m**
Return loss	**≥ 23 dB**
Frequency	**≤ 6 GHz**
Number of electrical connections	**2**
Type of electrical connection	**N-Connect/R-SMA male/male**
Transmission frequency	**0 to 6000 MHz**
Return loss minimum	**23 dB**
Impedance rated value	**50 Ω**
Capacity per length at 1 kHz	**82 pF/m**
Relative speed	**82%**

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Fire Resistance

Flame retardant	**UL 1685 (vertical tray) and UL 1581, Sec. 1090 (H)**

Mechanical Data

Number of plug-in connections	**2**
Outer diameter of cable	**6.3 mm**
Design of the shield	**Braided shield made of tin-plated copper wires**
Outer diameter of inner conductor	**1.4 mm**
Outer diameter of dielectric	**3.8 mm**
Outer diameter of cable sheath	**6.3 mm**
Symmetrical tolerance of outer diameter of cable sheath	**0.2 mm**
Thickness of cable sheath	**0.76 mm**
Bending radius with single bend minimum permissible	**32 mm**
Bending radius with multiple bends minimum permissible	**45 mm**
Tensile load maximum	**80 N**
Weight per length	**75 kg/km**

Materials

Cable jacket material	**FRNC**
Cable jacket color	**Pastel turquoise**
Inner conductor material	**Cu**
Dielectric material	**Polyethylene foam**
Cable sheath material	**FRNC**

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