

SIMATIC NET IWLAN

Product Data Sheet

6XV1875-5CH10

N-Connect to R-SMA Antenna Cable

CABLE LENGTH	CONNECTOR ALLOCATION	TRANSMISSION RANGE	CHARACTERISTIC IMPEDANCE
1 m	N-Connect male to R-SMA male	0 to 6000 MHz	50 ohm

Siemens 6XV1875-5CH10 is a n-connect to r-sma antenna cable in the SIMATIC NET IWLAN range. It provides the documented function for a compatible industrial automation or building-control configuration.

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VERIFIED TECHNICAL DATA

Cable length	1 m
Connector allocation	N-Connect male to R-SMA male
Transmission range	0 to 6000 MHz
Characteristic impedance	50 ohm
Attenuation at 2.4 GHz	0.53 dB/m typical
Attenuation at 5.2 GHz	0.83 dB/m typical
Attenuation at 5.85 GHz	0.89 dB/m typical
Return loss	23 dB minimum
Outer jacket diameter	6.3 mm
Minimum bend radius	32 mm single; 45 mm repeated

ADDITIONAL PRODUCT DATA

Maximum tensile load	80 N
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DOCUMENTED USE SETTINGS

Industrial Network and Communication Services and Operational Continuity: Plant-wide communication infrastructure for monitored service operations.

Engineering and Industrial Data Services and Lifecycle Support: Industrial software engineering and commissioning across established industrial sectors.

Manufacturing and Production Operations and Process Coordination: Industrial production and assembly operations within controlled production environments.

SYSTEM COMPATIBILITY

Integrate 6XV1875-5CH10 only in the documented SIMATIC NET IWLAN arrangement. Match the supply, interface and connector allocation to the accepted engineering record.

PRODUCT EVIDENCE

Siemens technical documentation for 6XV1875-5CH10