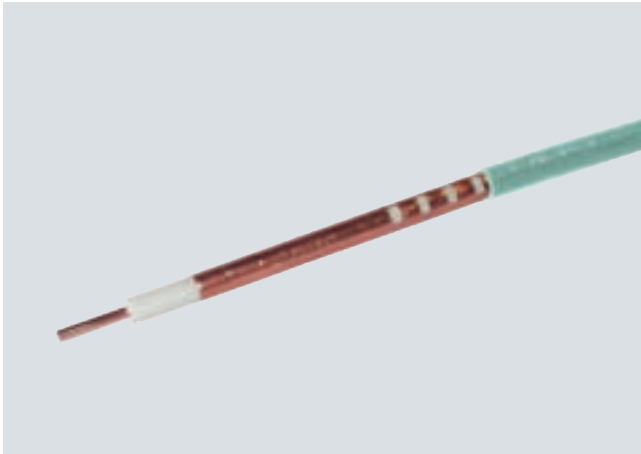


#### Overview



The RCoax cables are radiating cables that function as special antennas for the SCALANCE W Access Points in environments with complex radio coverage. Its design means that a defined, cone-shaped radio field is generated along the RCoax cable. The radiating cables are therefore perfectly suitable for use in environments with complex radio coverage and in any type of track vehicle.

- Rugged coaxial cable which can be easily installed
- Two cables for use in the Industrial Wireless LAN sector with frequency bands 2.4 GHz and 5 GHz
- Connection as external antenna to SCALANCE W-780 Access Points
- Linking of mobile stations via SCALANCE W-740 client modules and IWLAN/PB Link PN IO
- Suitable for use in hazardous areas (Zone 2); no special approvals necessary

#### Ordering data

##### IWLAN RCoax cables

Radiating cable for complex radio environments as special antenna for SCALANCE W Access Points; for wider temperature range (-40 °C ... + 85 °C); sold by the meter (minimum order quantity 20 m)

- 2.4 GHz
- 5 GHz

#### Order No.

**6XV1 875-2A**  
**6XV1 875-2D**

##### Accessories

##### IWLAN RCoax N-Connect stripping tool

Stripping tool for fast stripping of RCoax cable on site

**6GK1 901-1PH00**

##### RCoax N-Connect female N-connector

Plug connector for assembly on site; connection unit of RCoax cable for connection of further components, N-female connection.

**6GK5 798-0CN00-0AA0**

##### RCoax N-Connect male termination impedance

Terminating resistor for RCoax cable, 50 Ohm impedance, N-male connection

**6GK5 795-1TN00-1AA0**

#### Order No.

##### IWLAN N-Connect/R-SMA Male/male flexible connection cable

Flexible cable for connection of RCoax cable or antenna to a SCALANCE W-700 Access Point; assembled with N-Connect male and R-SMA male connectors

- 1 m
- 2 m
- 5 m
- 10 m

**6XV1 875-5CH10**  
**6XV1 875-5CH20**  
**6XV1 875-5CH50**  
**6XV1 875-5CN10**

##### IWLAN N-Connect male/male Flexible connection cable

Flexible cable for connection of two RCoax cables; assembled with two N-Connect male connectors

- 1 m
- 2 m
- 5 m
- 10 m

**6XV1 875-5AH10**  
**6XV1 875-5AH20**  
**6XV1 875-5AH50**  
**6XV1 875-5AN10**

# Industrial Wireless Communication

## Network components for IWLAN

### IWLAN RCoax cables

Ordering data	Order No.	Order No.
<b>IWLAN R-SMA/SMA male/male Flexible connection cable</b> Flexible cable for connecting an IWLAN/PB Link PN IO to components with RSMA and SMA connections, e.g. cabinet feedthrough; assembled with two R-SMA male to SMA male connectors <ul style="list-style-type: none"> <li>• 0.3 m</li> <li>• 2 m</li> </ul>	<b>6XV1 875-5DE30</b>  <b>6XV1 875-5DH20</b>	<b>6GK5 798-0PT00-2AA0</b>
<b>IWLAN RCoax N-Connect female ANT792-4DN antenna</b> RCoax helical antenna with circular polarization for RCoax systems; 2.4 GHz; N-Connect female connection; antenna gain 1 dB at 2.4 GHz; degree of protection IP67; ambient temperature -40 °C ... +70 °C	<b>6GK5 792-4DN00-0AA6</b>	<b>IWLAN RCoax cable clip 1/2"</b> Cable holder for RCoax cable <ul style="list-style-type: none"> <li>• 10 items</li> <li>• 100 items</li> </ul>
<b>IWLAN RCoax N-Connect female ANT793-4MN antenna</b> RCoax 5/8 antenna with vertical polarization for RCoax systems; 5 GHz; N-Connect female connection; degree of protection IP67; ambient temperature -40 °C ... +70 °C	<b>6GK5 793-4MN00-0AA6</b>	<b>IWLAN RCoax threaded washer M6</b> Threaded washer M6 for RCoax cable clip 1/2", for assembly with M6 threaded bolts <ul style="list-style-type: none"> <li>• 10 items</li> <li>• 100 items</li> </ul>
<b>RCoax N-Connect female Power splitter</b> 2-way cable splitter, Y-element for dividing the RCoax cable	<b>6GK5 798-0SN00-0EA0</b>	<b>IWLAN RCoax spacer 85 mm</b> Spacer 85 mm for RCoax cable clip 1/2" <ul style="list-style-type: none"> <li>• 10 items</li> <li>• 100 items</li> </ul>
<b>RCoax N-Connect male/male Coupler</b> RF coupling for connecting an RCoax antenna to an RCoax cable; two N-Connect male connectors	<b>6GK5 798-0CP00-1AA0</b>	<b>Additional components</b> <b>IWLAN/PB Link PN IO</b> Network transition between Industrial Wireless LAN and PROFIBUS with PROFINET IO functionality, TCP/IP, S7 routing, 10/100 Mbit/s Fast Ethernet, 9.6 ... 12 Mbit/s PROFIBUS; including electronic manual on CD-ROM German, English, French, Spanish, Italian <ul style="list-style-type: none"> <li>• National approvals for operation outside the U.S.A. S <b>6GK1 417-5AB00</b></li> <li>• National approvals for operation in the U.S.A. S <b>6GK1 417-5AB01</b></li> </ul>
<b>RCoax N-Connect male/female Attenuator</b> Attenuator with N-Connect male/N-Connect female connectors <ul style="list-style-type: none"> <li>• 10 dB</li> </ul>	<b>6GK5 798-0AP00-4CA0</b>	

S) Subject to export regulations: AL: 5A002A1A2 and ECCN: 5D002ENC3