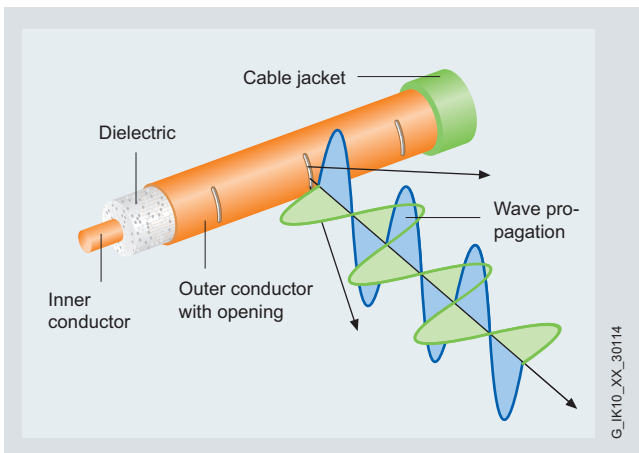## ■ Overview

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 all types of applications with track-bound vehicles.

- Rugged coaxial cable which can be easily installed
- Two cables for use in the frequency bands 2.4 GHz and 5 GHz
- Connection as external antenna to SCALANCE W780 Access Points
- Connection of mobile nodes via SCALANCE W740 Client Modules and IWLAN/PB Link PN IO using an antenna aligned to the RCoax
- Suitable for use in hazardous areas (Zone 2); no special approvals necessary

■ Design

The RCoax cables were specially designed for the frequency band around 2.4 GHz or 5 GHz respectively.

■ Ordering data

	Order No.
IWLAN RCoax cables	
Radiating cable for complex radio environments as special antenna for SCALANCE W Access Points; for extended temperature range (-40 °C to + 85 °C); sold by the meter minimum order quantity 20 m	
• 2.4 GHz	**6XV1 875-2A**
• 5 GHz	**6XV1 875-2D**
Accessories	
IWLAN RCoax N-Connect stripping tool	**6GK1 901-1PH00**
Stripping tool for fast stripping of RCoax cable on site	
RCoax N-Connect female N-connector	**6GK5 798-0CN00-0AA0**
Plug connector for assembly on site; connection unit of RCoax cable for connection of further components, N-female connection.	
RCoax N-Connect male/male Coupler	**6GK5 798-0CP00-1AA0**
RF coupling for connecting an RCoax antenna to an RCoax cable; two N-Connect male connectors	
IWLAN RCoax cable clip 1/2"	
Cable holder for RCoax cable	
• 10 items	**6GK5 798-8MB00-0AC1**
• 100 items	**6GK5 798-8MB00-0AM1**
IWLAN RCoax threaded washer M6	
Threaded washer M6 for RCoax cable clip 1/2", for assembly with M6 threaded bolts	
• 10 items	**6GK5 798-8MC00-0AC1**
• 100 items	**6GK5 798-8MC00-0AM1**
IWLAN RCoax spacer 85 mm	
Spacer 85 mm for RCoax cable clip 1/2"	
• 10 items	**6GK5 798-8MD00-0AC1**
• 100 items	**6GK5 798-8MD00-0AM1**

■ More information

Wireless approvals:

Current approvals can be found on the Internet at:
www.siemens.com/wireless-approvals

To assist in selecting the right products for Industrial Wireless Communication, the SIMATIC NET Selection Tool is available:

Online version:
www.siemens.com/snst

Offline version:
www.siemens.com/snst-download