

# Wireless data communication

## Antennas and cables

### Antenna cable

- Various cables for connection of different antennas
- Frequency range: 900 MHz ... 5 GHz



Antenna adapter cable,  
N (pin) -> RSMA (pin)

General data
Ambient temperature range
Impedance

#### Technical data

-40 °C ... 85 °C  
50 Ω

Description
<b>Antenna adapter cable</b>
0.5 m long
1 m long
2 m long
3 m long
5 m long

#### Ordering data

Type	Order No.	Pcs. / Pkt.
RAD-PIG-RSMA/N-0.5	2903263	1
RAD-PIG-RSMA/N-1	2903264	1
RAD-PIG-RSMA/N-2	2903265	1
RAD-PIG-RSMA/N-3	2903266	1
RAD-PIG-RSMA/N-5	2702140	1

### Antenna cable

- Various cables for connection of different antennas
- Frequency range: 900 MHz ... 5 GHz



General data
Ambient temperature range
Attenuation
Impedance
Conformance / approvals
UL, USA / Canada

#### Technical data

-40 °C ... 75 °C  
0.89 dB/m  
50 Ω

#### Technical data

-40 °C ... 75 °C  
0.6 dB @ 900 MHz  
50 Ω

Class I, Div. 1, 2, Groups A, B, C, D  
Class II, Div. 1, 2, Groups F, G

Description
<b>Antenna adapter cable</b>
1.2 m long, MCX (pin) -> N (socket)
1.2 m long, 90° MCX (pin) -> N (socket)
1.2 m long, SMA (pin) -> N (socket)
30 cm long, MCX (pin) -> MCX (pin)
<b>Antenna adapter cable for Ex-zone 1</b>
90 cm long, MCX (pin) -> RPSMA (pin)

#### Ordering data

Type	Order No.	Pcs. / Pkt.
<b>RAD-CON-MCX-N-SB</b>	2867717	1
<b>RAD-CON-MCX90-N-SS</b>	2885207	1
<b>RAD-CON-SMA-N-SS</b>	2867403	1
<b>RAD-CON-MCX-MCX-SS</b>	2867607	1

#### Ordering data

Type	Order No.	Pcs. / Pkt.
<b>RAD-CON-MCX-RPSMA-EX</b>	2885621	1