

# RAD-CAB-EF142-3M - Antenna cable

2884512

<https://www.phoenixcontact.com/us/products/2884512>



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Antenna cable, outside diameter: 5 mm (0.2 in.), inner conductor: stranded, attenuation: 1.7 / 3.0 / 4.8 dB at 0.9 / 2.4 / 5.8 GHz, connection: 2 x SMA (male), cable length: 3 m (10 ft.)



## Your advantages

- Halogen-free
- Easy installation, thanks to flexible inner conductor
- Flame-retardant
- Oil-resistant
- UV resistant
- For outdoor installation

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 2884512                        |
| Packing unit                         | 1 pc                           |
| Minimum order quantity               | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | DN23                           |
| Product key                          | DNN2Z2                         |
| GTIN                                 | 4046356114233                  |
| Weight per piece (including packing) | 189 g                          |
| Weight per piece (excluding packing) | 188.3 g                        |
| Customs tariff number                | 85442000                       |
| Country of origin                    | PL                             |

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## Technical data

### Product properties

|              |               |
|--------------|---------------|
| Product type | Coaxial cable |
|--------------|---------------|

### Electrical properties

|                 |                   |
|-----------------|-------------------|
| Frequency range | 0.3 GHz ... 6 GHz |
| Impedance       | 50 Ω              |

### Connection data

|                   |            |
|-------------------|------------|
| Connection method | SMA (male) |
| Connection method | SMA (male) |

### Material specifications

|                        |              |
|------------------------|--------------|
| Outer sheath, material | RADOX®(LSFH) |
|------------------------|--------------|

### Cable/line

|                           |              |
|---------------------------|--------------|
| Cable length              | 3 m          |
| Cable type                | EF 142       |
| External cable diameter   | 5 mm         |
| Outer sheath, material    | RADOX®(LSFH) |
| External sheath, color    | blue         |
| Bending radius, long-term | 30 mm        |
| 868 / 900 MHz             | 1.7 dB       |
| 2.4 GHz                   | 3 dB         |

### Environmental and real-life conditions

#### Ambient conditions

|   |                   |
|---|-------------------|
| Ambient temperature (operation)         | -40 °C ... 105 °C |
| Ambient temperature (storage/transport) | -40 °C ... 105 °C |

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## Classifications

### ETIM

ETIM 8.0

EC001682

### UNSPSC

UNSPSC 21.0

26121600

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## Environmental product compliance

### EU RoHS

|   |               |
|---|---------------|
| Fulfills EU RoHS substance requirements | Yes           |
| Exemption                               | 6(b)-II, 6(c) |

### China RoHS

|   |         |
|---|---------|
| Environment friendly use period (EFUP)  | EFUP-25 |
| An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |         |

### EU REACH SVHC

|                                     |                      |
|-------------------------------------|----------------------|
| REACH candidate substance (CAS No.) | Lead(CAS: 7439-92-1) |
|-------------------------------------|----------------------|

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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)