

# RAD-CABLE-USB - Cable for programming



2903447

<https://www.phoenixcontact.com/us/products/2903447>

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Radioline - USB data cable for communication between the PC and Radioline devices, energy supply for diagnostics and configuration via the USB port of the PC, cable length: 2 m / 6.5 ft

## Your advantages

- Power supply for diagnostics and configuration via the USB port of the PC

## Commercial data

Item number	2903447
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN23
Product key	DNC61Z
Catalog page	Page 376 (C-6-2019)
GTIN	4046356739429
Weight per piece (including packing)	70 g
Weight per piece (excluding packing)	64.3 g
Customs tariff number	85444290
Country of origin	DE

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## Technical data

### Notes

#### Utilization restriction

EMC note	EMC: class A product, see manufacturer's declaration in the download area
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### Product properties

Product type	Programming cable
Sensor type	USB

### Electrical properties

Transmission medium	Copper
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### Connection data

#### PC side

Connection method	USB 2.0 Fullspeed
Notes	serial

#### Device side

Connection method	IFS data port
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### Material specifications

Color (Outer sheath)	red (RAL 3001)
Material (Outer sheath)	PVC

### Cable/line

Cable length	2 m
External cable diameter	3.50 mm

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-25 °C ... 70 °C (-13 °F ... 158 °F)
Ambient temperature (storage/transport)	-40 °C ... 85 °C (-40 °F ... 185 °F)
Max. permissible relative humidity (operation)	≤ 90 % (at 25 °C, non-condensing)

### EMC data

Noise immunity	EN 61000-6-2
Electromagnetic compatibility	Conformance with EMC Directive 2014/30/EU
Noise emission	EN 61000-6-4



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2903447>



**EAC**

Approval ID: 19060508

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## Classifications

### ECLASS

ECLASS-11.0	19179090
ECLASS-12.0	19179090
ECLASS-13.0	19179090

### ETIM

ETIM 9.0	EC002608
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### UNSPSC

UNSPSC 21.0	43222600
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(c)-I

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	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.)	No substance above 0.1 wt%
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## Accessories

### RAD-2400-IFS - Wireless module

2901541

<https://www.phoenixcontact.com/us/products/2901541>



Radioline - 2.4 GHz wireless transceiver with RS-232/RS-485 interface, can be extended with I/O modules, RSMA (female) antenna connection, point-to-point, star, and mesh networks up to 250 stations, range of up to 5 km (with a clear line of sight), for worldwide use

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### RAD-900-IFS - Wireless module

2901540

<https://www.phoenixcontact.com/us/products/2901540>



Radioline - 900 MHz wireless transceiver with RS-232/485 interface, can be extended with I/O modules, RSMA (female) antenna connection, point-to-point, star, and mesh networks up to 250 stations, range of up to 32 km (line of sight), use in North America

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## RAD-RS485-IFS - Communication module

2702184

<https://www.phoenixcontact.com/us/products/2702184>



Radioline - RS-485 multipoint multiplexer, can be extended with I/O modules, can be used as Modbus/RTU bus coupler or can be combined with Radioline wireless system, up to 99 stations, range of up to 1.2 km on in-house copper cables

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