

NBC-COX-CNM/1.5-M/COX-CLM - Coaxial cable



1340133

<https://www.phoenixcontact.com/us/products/1340133>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Coaxial cable, 50 Ω , length: 1.5 m, N(m) - RSMA(m), external cable diameter: 4.9 mm, transmission frequency: ≤ 7.25 GHz, typical attenuation: 800 MHz 0.7 dB, 2.4 GHz 1.1 dB, 5.8 GHz 1.8 dB, 7.25 GHz 2.1 dB

Your advantages

- Future-proof, thanks to the use of lead-free materials
- Ideal for WLAN, Bluetooth, LTE, and 5G signals
- The frequency range up to 7.25 GHz enables the use of high Wi-Fi 6 and 5G frequency bands
- Use of UV-resistant LSZH cable enables use in virtually all industrial field communication applications

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1340133 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB14 |
| Product key | ABNFCA |
| GTIN | 4063151646035 |
| Weight per piece (including packing) | 101.4 g |
| Weight per piece (excluding packing) | 101.4 g |
| Customs tariff number | 85442000 |
| Country of origin | DE |

1340133

<https://www.phoenixcontact.com/us/products/1340133>

Technical data

Product properties

| | |
|---------------------|-------------------------|
| Type | Coaxial |
| Product type | Data cable preassembled |
| Number of positions | 1 |
| Type of packaging | PE bag |
| Shielded | yes |
| Cable outlet | straight |

Electrical properties

| | |
|---------------------------|--|
| Insulation resistance | ≥ 5 GΩ (In accordance with environmental tests Riso ≥200 MΩ) |
| Wave impedance | 50 Ω |
| Max. conductor resistance | 23 Ω/km |

Material specifications

| | |
|--|---------|
| Flammability rating according to UL 94 | ja |
| Housing surface material | NiP-Au |
| Contact material | CuZn |
| Contact surface material | Cu2Ag5 |
| O-ring material | Silicon |
| Housing material | CuZn |
| Outer sheath, material | FRNC |
| Conductor material | Copper |

Connector

Connection 1

| | |
|-----------------------------|-------------------------|
| Type | Plug straight Coaxial N |
| Shielded | yes |
| Insertion/withdrawal cycles | > 100 |
| Degree of protection | IP65/IP67 |
| Number of positions | 1 |
| Insertion/withdrawal cycles | 100 |
| Locking type | Screw locking mechanism |

Connection 2

| | |
|----------|-----------------------------|
| Type | Plug straight Coaxial R-SMA |
| Shielded | yes |
| Material | Copper alloy (Housing) |
| | (Housing surface) |
| | Silicon (O-ring) |
| | Copper alloy (Contact) |
| | PTFE (Insulation) |

NBC-COX-CNM/1.5-M/COX-CLM - Coaxial cable



1340133

<https://www.phoenixcontact.com/us/products/1340133>

| | |
|-----------------------------|-------------------------|
| Insertion/withdrawal cycles | 100 |
| Number of positions | 1 |
| Degree of protection | IP65/IP67 |
| Locking type | Screw locking mechanism |

Cable/line

| | |
|--------------|--------|
| Cable length | 1.50 m |
|--------------|--------|

Coaxial, 4.9 mm, FRNC, 50 Ω [Koaxial]

| | |
|---------------------------|-----------------------------|
| Cable type | Coaxial, 4.9 mm, FRNC, 50 Ω |
| Cable type (abbreviation) | Koaxial |
| External cable diameter | 4.9 mm |
| Outer sheath, material | FRNC |
| External sheath, color | black |

FO cable

| | |
|-------------|--------------------|
| Attenuation | 0.675 dB (800 MHz) |
|-------------|--------------------|

Environmental and real-life conditions

Test specification

| | |
|---|----------------|
| Specification | DIN EN 60966-1 |
| Contact resistance R_c | 2.5 mΩ |
| Insulation resistance, neighboring contacts | 5 GΩ |
| Power-frequency withstand voltage | 1000 V AC |

Test specification

| | |
|---------------|------------------|
| Specification | DIN EN 60512-3-1 |
|---------------|------------------|

Test specification

| | |
|------------------|-----------------------------------|
| Specification | DIN EN 60512-4-1 |
| Cold stress | DIN EN 60068-2-14 Test Na |
| Corrosive stress | yes, in accordance with ISO 22479 |

Test specification

| | |
|---------------|----------------------|
| Specification | DIN EN 60068-2-6 |
| Frequency | 10-2000-10 Hz |
| Sweep speed | 1 octave/min |
| Amplitude | 0.75 mm |
| Acceleration | 100 m/s ² |
| Test duration | 2.5 h |

Test specification

| | |
|--------------------------------|----------------------|
| Specification | DIN EN 60068-2-27 |
| Frequency | 40 bis 65 Hz |
| Acceleration | 500 m/s ² |
| Number of shocks per direction | 18 |

NBC-COX-CNM/1.5-M/COX-CLM - Coaxial cable



1340133

<https://www.phoenixcontact.com/us/products/1340133>

| | |
|--------------------------|----------------|
| Measuring time | 60 s ± 5 |
| Quality confirmation | 5 s |
| Voltage frequency | 45 Hz to 60 Hz |
| Maximum voltage build-up | ≤ 500 V/s |

Ambient conditions

| | |
|----------------------------|-----|
| Resistance to UV radiation | yes |
|----------------------------|-----|

Standards and regulations

| | |
|----------------------------|-----|
| Resistance to UV radiation | yes |
| Flame resistance | yes |

NBC-COX-CNM/1.5-M/COX-CLM - Coaxial cable



1340133

<https://www.phoenixcontact.com/us/products/1340133>

Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 27060310 |
| ECLASS-12.0 | 27060310 |
| ECLASS-13.0 | 27060310 |

ETIM

| | |
|----------|----------|
| ETIM 8.0 | EC001682 |
|----------|----------|

Phoenix Contact 2023 © - all rights reserved
<https://www.phoenixcontact.com>

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