

NBC-COX-CNM/0.5-S/COX-CKM - Coaxial cable



1340139

<https://www.phoenixcontact.com/gb/products/1340139>

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Coaxial cable, 50 Ω , length: 0.5 m, N(m) - SMA(m), external cable diameter: 2.8 mm, transmission frequency: ≤ 7.25 GHz, typical attenuation: 800 MHz 0.4 dB, 2.4 GHz 0.7 dB, 5.8 GHz 1.1 dB, 7.25 GHz 1.5 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 | 1340139 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | ABNFCA |
| Product key | ABNFCA |
| GTIN | 4063151646318 |
| Weight per piece (including packing) | 41.8 g |
| Weight per piece (excluding packing) | 41.8 g |
| Customs tariff number | 85442000 |
| Country of origin | DE |

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Technical data

Product properties

| | |
|---------------------|--------|
| Number of positions | 1 |
| Type of packaging | PE bag |
| Shielded | yes |

Electrical properties

| | |
|---------------------------|--|
| Frequency range | 0.1 GHz ... 7.25 GHz |
| Insulation resistance | ≥ 5 GΩ (In accordance with environmental tests Riso ≥200 MΩ) |
| Wave impedance | 50 Ω |
| Max. conductor resistance | 90 Ω/m |

Material specifications

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

Connector

Connection 1

| | |
|-----------------------------|---------------------------|
| Type | Plug straight Coaxial N |
| Locking type | Screw locking mechanism |
| Shielded | yes |
| Material | Copper alloy (Housing) |
| | CuSnZn3 (Housing surface) |
| | Silicon (O-ring) |
| | Copper alloy (Contact) |
| | Cu2Ag5 (Contact surface) |
| | PTFE (Insulation) |
| Insertion/withdrawal cycles | > 100 |
| Degree of protection | IP65/IP67 |

Connection 2

| | |
|--------------|---------------------------|
| Type | Plug straight Coaxial SMA |
| Locking type | Screw locking mechanism |
| Shielded | yes |
| Material | Copper alloy (Housing) |
| | NiP-Au (Housing surface) |

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| | |
|-----------------------------|--------------------------|
| | Silicon (O-ring) |
| | Copper alloy (Contact) |
| | NiP-Au (Contact surface) |
| | PTFE (Insulation) |
| Insertion/withdrawal cycles | 100 |
| Degree of protection | IP65/IP67 |

Cable/line

| | |
|--------------|--------|
| Cable length | 0.50 m |
|--------------|--------|

Coaxial, 2.8 mm, FRNC, 50 Ω [Koaxial]

| | |
|---------------------------|-----------------------------|
| Cable type | Coaxial, 2.8 mm, FRNC, 50 Ω |
| Cable type (abbreviation) | Koaxial |
| External cable diameter | 2.80 mm |
| Outer sheath, material | FRNC |
| External sheath, color | black |

FO cable

| | |
|-------------|------------------|
| Attenuation | 0.4 dB (800 MHz) |
|-------------|------------------|

Environmental and real-life conditions

Ambient conditions

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

Standards and regulations

| | |
|------------------|-----|
| Flame resistance | yes |
|------------------|-----|

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27060310 |
| ECLASS-15.0 | 27060310 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC001682 |
|-----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 26121600 |
|-------------|----------|

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Environmental product compliance

EU RoHS

| | |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

China RoHS

| | |
|--|--|
| Environment friendly use period (EFUP) | EFUP-E |
| | No hazardous substances above the limits |

EU REACH SVHC

| | |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

EF3.1 Climate Change

| | |
|---------|---------------|
| CO2e kg | 4.599 kg CO2e |
|---------|---------------|

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