

NBC-COX-CNM/3.0-M/COX-CKM - Coaxial cable



1340144

<https://www.phoenixcontact.com/us/products/1340144>

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Coaxial cable, 50 Ω , length: 3 m, N(m) - SMA(m), external cable diameter: 4.9 mm, transmission frequency: ≤ 7.25 GHz, typical attenuation: 800 MHz 1.4 dB, 2.4 GHz 2.3 dB, 5.8 GHz 3.6 dB, 7.25 GHz 4.2 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	1340144
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB14
Product key	DNC6Z4
GTIN	4063151644994
Weight per piece (including packing)	157.1 g
Weight per piece (excluding packing)	157 g
Customs tariff number	85442000
Country of origin	DE

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Technical data

Product properties

Product type	Coaxial cable
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	23 Ω/km

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
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)
	Silicon (O-ring)
	Copper alloy (Contact)
	NiP-Au (Contact surface)
PTFE (Insulation)	
Insertion/withdrawal cycles	100

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Degree of protection	IP65/IP67
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Cable/line

Cable length	3.00 m
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Coaxial, 4.9 mm, FRNC, 50 Ω [Koaxial]

Cable type	Coaxial, 4.9 mm, FRNC, 50 Ω
Cable type (abbreviation)	Koaxial
External cable diameter	4.90 mm
Outer sheath, material	FRNC
External sheath, color	black

FO cable

Attenuation	1.35 dB (800 MHz)
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Environmental and real-life conditions

Ambient conditions

Resistance to UV radiation	yes
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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
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UNSPSC

UNSPSC 21.0	26121600
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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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%
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EF3.1 Climate Change

CO2e kg	5.396 kg CO2e
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