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

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

ELEKTROGERÄTE RÜCKNAHME

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)	161 g
Weight per piece (excluding packing)	157 g
Customs tariff number	85442000
Country of origin	DE

Technical data

Product properties

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

Electrical properties

Rated surge voltage	1 kV_{rms} (AC)
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

Connection data

Tightening torque	0.7 ... 1.1 Nm

Material specifications

Flammability rating according to UL 94	ja
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)
Degree of protection	IP67 (plugged in)

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)
Degree of protection	IP67 (plugged in)

Cable/line

Cable length	3.00 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	4.90 mm
Outer sheath, material	FRNC
External sheath, color	black

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	> 100
Smallest bending radius	4x cable diameter

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Ambient temperature (assembly)	-5 °C ... 55 °C
Resistance to UV radiation	yes

Standards and regulations

Flame resistance	yes

Flame retardancy

Standard designation	Flame retardancy
Standards/specifications	IEC 60332-3-24

Halogen-free

Standard designation	Halogen-free
Standards/specifications	IEC 60754-2

UL

Standard designation	AWM Style
Standards/specifications	UL 1375
Note	80 °C / 30 V

Connectors

Standard designation	HF connector
Standards/specifications	IEC 61169-16

Note	Pin connector pattern N

Connectors

Standard designation	HF connector
Standards/specifications	IEC 61169-15
Note	Pin connector pattern SMA

Classifications

ECLASS

ECLASS-13.0	27060310
ECLASS-15.0	27060310

ETIM

ETIM 10.0	EC001682

UNSPSC

UNSPSC 21.0	26121600

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.)	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol(CAS: 119-47-1)
	1,1'-(ethane-1,2-diyl)bis[pentabromobenzene] (DBDPE)(CAS: 84852-53-9)

EF3.1 Climate Change

CO2e kg	5.558 kg CO2e

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