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

1340130

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Coaxial cable, 50 Ω, length: 0.5 m, N(m) - RSMA(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

ELEKTROGERÄTE RÜCKNAHME

Commercial data

Item number	1340130
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB14
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	90 Ω/m

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 R-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	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

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 R-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.)	No substance above 0.1 wt%

EF3.1 Climate Change

CO2e kg	5.591 kg CO2e

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