NBC-COX-CKM/10.0-M/COX-CKF - Coaxial cable

1340148

https://www.phoenixcontact.com/us/products/1340148

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: 10 m, SMA(m) - SMA(f), external cable diameter: 4.9 mm, transmission frequency: ≤7.25 GHz, typical attenuation: 800 MHz 4.5 dB, 2.4 GHz 7.5 dB, 5.8 GHz 12 dB, 7.25 GHz 14 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	1340148
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB14
Product key	DNC6Z4
GTIN	4063151646059
Weight per piece (including packing)	396.3 g
Weight per piece (excluding packing)	396.3 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 SMA
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	Socket 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	10.00 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 61169-15

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	9.723 kg CO2e

Phoenix Contact 2026 © - 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