RAD-PIG-EF316-N-RSMA - Antenna cable

2701402

https://www.phoenixcontact.com/us/products/2701402

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Antenna cable for control cabinet feed-through, outside diameter: 3.2 mm (0.126 in.), inner conductor: stranded, attenuation: 0.6 / 0.9 / 1.4 dB at 0.9 / 2.4 / 5.8 GHz, connection: N (female) -> RSMA (male), cable length: 0.5 m (1.6 ft.)

Your advantages

- Halogen-free
- Flame-retardant
- UV resistant
- Oil-resistant
- For outdoor installation

Commercial data

Item number	2701402
Packing unit	1 pc
Sales key	DN23
Product key	DNN2Z2
Catalog page	Page 391 (C-6-2019)
GTIN	4046356746816
Weight per piece (including packing)	55 g
Weight per piece (excluding packing)	52.7 g
Customs tariff number	85442000
Country of origin	PL

Technical data

Product properties

Product type	Coaxial cable

Electrical properties

Frequency range	0.3 GHz ... 6 GHz
Impedance	50 Ω

Connection data

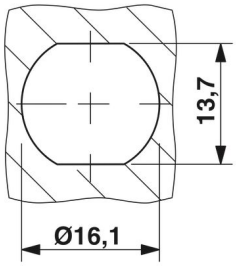
Connector connection

Connection method	RSMA (male)

Connector connection

Connection method	N (female)

Dimensions

Dimensional drawing	
Hole diameter	16.1 mm

Material specifications

Outer sheath, material	RADOX®(LSFH)

Cable/line

Cable length	0.5 m
Cable type	EF 316
External cable diameter	2.50 mm
Outer sheath, material	RADOX®(LSFH)
External sheath, color	blue
Bending radius, long-term	12.50 mm
868 / 900 MHz	~ 0.6 dB (Attenuation of entire cable)
2.4 GHz	~ 0.9 dB (Attenuation of entire cable)
5.8 GHz	~ 1.4 dB (Attenuation of entire cable)
Resistance to oil	very good oil and chemical resistance

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 105 °C
Ambient temperature (storage/transport)	-40 °C ... 105 °C
Ambient temperature (assembly)	-20 °C ... 60 °C
Resistance to oil	very good oil and chemical resistance

Approvals

CE

Certificate	CE-compliant

Standards and regulations

Resistance to oil	very good oil and chemical resistance
Standard designation	Flame retardancy
Standards/specifications	DIN EN 60332-1-2
	UL 1581
Standard designation	Halogen-free
Standards/specifications	IEC 60754
Standard designation	UV resistance
Standards/specifications	IEC 60068-2-5

Mounting

Assembly instructions	Outdoors and indoors

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