

# FL LCX PIG-EF142-N-N - Antenna cable



2700677

<https://www.phoenixcontact.com/us/products/2700677>

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Antenna cable, outside diameter: 5 mm (0.2 in.), inner conductor: stranded, attenuation: 0.3 / 0.5 / 0.8 dB at 0.9 / 2.4 / 5.8 GHz, connection: 2 x N (male), cable length: 0.5 m (1.6 ft.)



## Your advantages

- Halogen-free
- Easy installation, thanks to flexible inner conductor
- Flame-retardant
- Oil-resistant
- UV resistant
- For outdoor installation

## Commercial data

Item number	2700677
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN23
Product key	DNN2Z3
Catalog page	Page 391 (C-6-2019)
GTIN	4046356619578
Weight per piece (including packing)	89.3 g
Weight per piece (excluding packing)	83.6 g
Customs tariff number	85442000
Country of origin	PL

## Technical data

### Notes

#### Note on application

Note on application	Only for industrial use
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### Product properties

Product type	Coaxial cable
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### Electrical properties

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

### Connection data

Connection method	N (male)
Connection method	N (male)

### Material specifications

Outer sheath, material	RADOX®(LSFH)
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### Cable/line

Cable length	0.5 m
Cable type	EF 142
External cable diameter	5 mm
Outer sheath, material	RADOX®(LSFH)
External sheath, color	black
Bending radius, long-term	30 mm
868 / 900 MHz	~ 0.3 dB (Attenuation of entire cable)
2.4 GHz	~ 0.5 dB (Attenuation of entire cable)
5.8 GHz	~ 0.8 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
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## 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 note	Outdoors and indoors
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## Classifications

### ECLASS

ECLASS-11.0	27060310
ECLASS-12.0	27060310
ECLASS-13.0	27060310

### ETIM

ETIM 9.0	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
Exemption	6(c)

### China RoHS

Environment friendly use period (EFUP)	EFUP-25
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	e1c07c18-f4be-40f6-87eb-8adf6140ff17

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