

FL LCX CABLE METER - Antenna



2884774

<https://www.phoenixcontact.com/us/products/2884774>

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The leaky wave conductor is a "wireless cable" which acts as an antenna and radiates over the entire length. The range is limited here. Track-guided systems can thus be properly supplied even under complex conditions.

Commercial data

Item number	2884774
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DN23
Product key	DNN2Z3
Weight per piece (including packing)	250 g
Weight per piece (excluding packing)	250 g
Customs tariff number	85442000
Country of origin	DE

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Technical data

Product properties

Product type	Antenna
Gain	0 dBi

Electrical properties

Frequency band	2.4 GHz
Frequency range	2.4 GHz ... 2.6 GHz
Impedance	50 Ω

Connection data

Connection technology

Connection method	open end
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Dimensions

Diameter	13.7 mm
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Material specifications

Material	Al Cu wire
	Copper corrugated tube
	PE foam
	Polyethylene

Cable/line

Cable weight	250.00 g/m
Cable resistance	2.9 Ω /km (DC inner conductor)
	4 Ω /km (DC phase conductor)
Smallest bending radius, fixed installation	min. 32 mm (One-time bending)

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C
Ambient temperature (storage/transport)	-70 °C ... 85 °C
Ambient temperature (installation)	-25 °C ... 60 °C

Standards and regulations

Standard designation	Halogen-free
Standards/specifications	IEC 60754-1 / -2
Standard designation	Flame retardancy
Standards/specifications	IEC 60332-1 / -3.C

Mounting

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Assembly note

Recommended clamp distance 0.33 m

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Environmental product compliance

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com