

Antenna - FL LCX CABLE METER - 2884774

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

Key Commercial Data

Packing unit	1 pc
Custom tariff number	85442000
Country of origin	Germany

Technical data

Dimensions

Diameter	13.7 mm
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Ambient conditions

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

General

Frequency range	2.4 GHz
	2.4 GHz ... 2.6 GHz
Cable resistance	2.9 Ω/km (DC inner conductor)
	4 Ω/km (DC phase conductor)
Impedance	50 Ω
Gain	0 dBi
Connection method	open end
Cable weight	250.00 g/m
Smallest bending radius, fixed installation	min. 32 mm (One-time bending)
Cable, attenuation	19.8 dB/100 m, longitudinal attenuation (2.4 GHz)
	89 dB, coupling attenuation 95 % (2.4 GHz)
Material	Al Cu wire (inner conductors)
	Copper corrugated tube (Phase conductors)

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Technical data

General

	PE foam (Insulation)
	Polyethylene (Sheath)
Assembly instructions	Recommended clamp distance 0.33 m

Standards and Regulations

Standards/regulations	IEC 60754-1 / -2
	IEC 60332-1 / -3.C

Classifications

eCl@ss

eCl@ss 4.0	240604xx
eCl@ss 4.1	24060401
eCl@ss 5.0	27061804
eCl@ss 5.1	27061804
eCl@ss 6.0	27061804
eCl@ss 7.0	19070105

ETIM

ETIM 3.0	EC001698
ETIM 4.0	EC000416
ETIM 5.0	EC001698

UNSPSC

UNSPSC 6.01	20142601
UNSPSC 7.0901	20142601
UNSPSC 11	20142601
UNSPSC 12.01	20142601
UNSPSC 13.2	20142601