

# FL LCX CABLE 24 E - Antenna

2702553

<https://www.phoenixcontact.com/us/products/2702553>



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The 2.4 GHz leaky wave cable is a “wireless cable” that acts as an antenna and emits along its entire length. The range is limited. Track-guided systems, for example, can therefore be supplied as required, even under difficult conditions.

## Product description

When you order several cables, we reserve the right to supply them in one piece and in one container.

## Commercial data

Item number	2702553
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	DN23
Product key	DNN2Z3
Weight per piece (including packing)	232 g
Weight per piece (excluding packing)	232 g
Customs tariff number	85442000
Country of origin	BE

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## Technical data

### Notes

#### Note on application

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

Product type	Antenna
Scope of supply	When you order several cables, we reserve the right to supply them in one piece and in one container.
Gain	0 dBi

### Electrical properties

Frequency band	2.4 GHz
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### Connection data

#### Connection technology

Connection method	open end
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### Dimensions

Length	500 m
Diameter	15.5 mm

### Material specifications

Material	Al Cu wire
	Copper film
	PE foam

### Cable/line

Connecting cable	yes
Cable weight	232.00 g/m
Cable resistance	1.48 $\Omega$ /km (DC inner conductor)
	2.8 $\Omega$ /km (DC phase conductor)
Smallest bending radius, fixed installation	min. 200 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

### Mounting

Mounting type	Panel mounting
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Assembly note

Recommended clamp distance 0.5 m

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## Classifications

### ECLASS

ECLASS-13.0	19070105
ECLASS-15.0	19070105

### ETIM

ETIM 10.0	EC001698
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### UNSPSC

UNSPSC 21.0	43223100
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