

FL LCX CABLE 5 E - Antenna



2702860

<https://www.phoenixcontact.com/us/products/2702860>

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The figure shows a version of the product

The 5 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 | 2702860 |
| 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) | 17.5 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 |
|---------------------|-------------------------|

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 | 5 GHz |
|----------------|-------|

Connection data

Connection technology

| | |
|-------------------|----------|
| Connection method | open end |
|-------------------|----------|

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 Ω /km (DC inner conductor) |
| | 2.8 Ω /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

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| ETIM 10.0 | EC001698 |
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UNSPSC

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| UNSPSC 21.0 | 43223100 |
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