

# PSM-LWL-KDL-980/1000 - FO cable



2799283

<https://www.phoenixcontact.com/us/products/2799283>

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Polymer fiber cable, duplex 980/1000  $\mu\text{m}$ , light-weight version for indoor installation, by the meter, without connector

## Commercial data

Item number	2799283
Packing unit	1 m
Note	Made to order (non-returnable)
Sales key	NULL
Product key	DNC231
GTIN	4017918074005
Weight per piece (including packing)	7.56 g
Weight per piece (excluding packing)	7.56 g
Customs tariff number	85447000
Country of origin	DE

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## Technical data

### Product properties

Product type	Data cable by the meter
Number of positions	2

### Electrical properties

Transmission medium	Polymer fiber
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### Interfaces

Signal	INTERBUS
	PROFIBUS
	Point-to-point
	Ethernet
	RS-485

### Dimensions

#### External dimensions

External diameter min.	2.2 mm
External diameter max.	4.4 mm

### Material specifications

Color (Single-core wire)	black (RAL 9005)
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### Cable/line

Cable length	variable
Cable weight	7.8 kg/km
Cable type	Polymer fiber
Cable abbreviation	CA-1D2Y2P 980/1000 160A 10
Single wire, material	PE
Individual wire diameter	2.2 mm ±0.07 mm
Bending radius, single element	30 mm (Short-term)
	30 mm (Short-term)
Bending radius, entire cable	65 mm (Short-term)
	65 mm (Short-term)
Bending radius	30 mm (Short-term)
	30 mm (permanent)
	65 mm (Short-term)
	65 mm (permanent)
Tensile strength short-term/long-term	40 N / 10 N
Lateral pressure short term	60 N/cm
Lateral pressure, long-term	10 N/cm
660 nm	230 dB/km

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## FO cable

Fiber	Polymer fiber, 980/1000 µm
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## Mechanical properties

Tensile strength short-term/long-term	40 N / 10 N
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## Environmental and real-life conditions

### Ambient conditions

Ambient temperature (operation)	-20 °C ... 70 °C
Altitude	5000 m

## Mounting

cable layer type	Indoors
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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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