

# FOC-PT9:LC-OM3/2.5 - Fiber optic cable



1208103

<https://www.phoenixcontact.com/us/products/1208103>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

Fiber optic cable, design: LC, degree of protection: IP20, cable length: 2.5 m, number of positions: 12, connection method: LC, cable outlet: straight, color: turquoise



## Your advantages

- Optimum attenuation values with UPC polishing
- Time saving and minimized risk of breakage with easy offsetting
- Easy assignment thanks to 12 different colors
- Future-proof with RoHS 2 conformity
- Fire protection class UL 94-V0

## Commercial data

Item number	1208103
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB16
Product key	ABNIDB
GTIN	4063151276836
Weight per piece (including packing)	42.3 g
Weight per piece (excluding packing)	22.22 g
Customs tariff number	85447000
Country of origin	CN

# FOC-PT9:LC-OM3/2.5 - Fiber optic cable



1208103

<https://www.phoenixcontact.com/us/products/1208103>

## Technical data

### Product properties

Type	LC
Product type	Fiber optic connector (cable side)
Number of positions	12
Number of slots	12
Cable outlet	straight

### Electrical properties

Attenuation	≤ 0.3 dB (1300 nm)
Transmission medium	FO
Transmission speed	10 Gbps

### Connection data

Connection method	LC
-------------------	----

### Dimensions

Width	5.5 mm
Height	9.7 mm
Length	2500 mm

### Mechanical characteristics

Ferrule diameter	1.25 mm
------------------	---------

### Material specifications

Color	turquoise
Color of the housing part	turquoise
Flammability rating according to UL 94	V0
Ferrule material	Zirconia ceramics
Material of grip body	turquoise
Outer sheath, material	LSZH

### Connector

#### Connection 1

Type	Plug LC
Degree of protection	IP20

#### Connection 2

Type	free cable end free cable end
Degree of protection	IP20

### Cable/line

Cable length	2.50 m
--------------	--------

# FOC-PT9:LC-OM3/2.5 - Fiber optic cable



1208103

<https://www.phoenixcontact.com/us/products/1208103>

Cable type	Optical wire
Cable type	900 µm
Cable structure	semi-loose compact wires (STB)
Outer sheath, material	LSZH
Single wire, material	LSZH
Individual wire diameter	900 µm
Tensile strength short-term/long-term	10 N
Whip length	2500 mm
Halogen-free	yes
Resistance to oil	no
Flame resistance	yes

## FO cable

Number of fibers	12
Fiber	50/125 µm
Fiber type	Multimode
Attenuation	≤ 0.3 dB
Return Loss	≥ 35 dB
Transmission medium	Multi-mode fiberglass

## Mechanical properties

Tensile strength short-term/long-term	10 N
---------------------------------------	------

## Mechanical data

Insertion/withdrawal cycles	> 500
Smallest bending radius	30 mm

## Characteristics

Attenuation	≤ 0.3 dB (1300 nm)
-------------	--------------------

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Ambient temperature (assembly)	0 °C ... 50 °C
Resistance to oil	no

## Standards and regulations

Flame resistance	yes
Resistance to oil	no

# FOC-PT9:LC-OM3/2.5 - Fiber optic cable



1208103

<https://www.phoenixcontact.com/us/products/1208103>

## Classifications

### ECLASS

ECLASS-11.0	27061003
ECLASS-12.0	27061003
ECLASS-13.0	27061003

### ETIM

ETIM 9.0	EC002607
----------	----------

### UNSPSC

UNSPSC 21.0	26121600
-------------	----------

# FOC-PT9:LC-OM3/2.5 - Fiber optic cable



1208103

<https://www.phoenixcontact.com/us/products/1208103>

## Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e No hazardous substances above threshold values
------------	---

Phoenix Contact 2024 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)