FOC-PT9:LC-OM2/2.5 - Fiber optic pigtail set with 12 pigtails

1208101

https://www.phoenixcontact.com/us/products/1208101

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Fiber optic pigtail set with 12 pigtails, design: LC, degree of protection: IP20, cable length: 2.5 m, number of positions: 12, 1 Gbps, OM2, connection method: LC, cable outlet: straight, color: beige

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, thanks to RoHS 2 conformity
- Fire protection class UL 94-V0

Commercial data

Item number	1208101
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB16
Product key	ABNIDB
GTIN	4063151275884
Weight per piece (including packing)	42.8 g
Weight per piece (excluding packing)	42.8 g
Customs tariff number	85447000
Country of origin	CN

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Technical data

Product properties

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

Electrical properties

Attenuation	≤ 0.3 dB (1300 nm)
Transmission medium	FO
Transmission speed	1 Gbps
Transmission speed	1 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	beige
Color of the housing part	beige
Flammability rating according to UL 94	V0
Ferrule material	Zirconia ceramics
Outer sheath, material	LSZH

Connector

Connection 1

Type	Plug LC/UPC
Degree of protection	IP20

Connection 2

Type	free cable end
Degree of protection	IP20

Cable/line

Cable length	2.50 m

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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	G50/125 µm OM2
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

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Approvals

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UL Listed
Approval ID: E308814-20250516

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Classifications

ECLASS

ECLASS-13.0	27060307
ECLASS-15.0	27060307

ETIM

ETIM 9.0	EC001855

UNSPSC

UNSPSC 21.0	26121600

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%