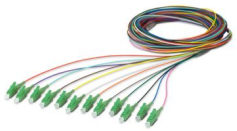
FOC-PT9:LC-OSA/2.5 - Fiber optic pigtail set with 12 pigtails

1208106

https://www.phoenixcontact.com/us/products/1208106

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Fiber optic pigtail set with 12 pigtails OS2 (100 Gbps), 12-position, Plug straight LC/APC 8° Snap-in lever / IP20, on free cable end / IP20, cable length: 2.5 m

Your advantages

- Optimum attenuation values with APC 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	1208106
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB16
Product key	ABNIDB
GTIN	4063151276744
Weight per piece (including packing)	42.7 g
Weight per piece (excluding packing)	32.335 g
Customs tariff number	85447000
Country of origin	CN

Technical data

Product properties

Product type	Data cable preassembled
Number of positions	12

Electrical properties

Attenuation	≤ 0.3 dB (1310 nm)
Transmission medium	FO
Transmission speed	100 Gbps

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	> 500

Material specifications

Material Ferrule	Zirconia ceramic
Flammability rating according to UL 94	V0
Outer sheath, material	LSZH

Dimensions

Width	6 mm
Height	9.7 mm
Length	2500 mm
Diameter Ferrule	1.25 mm

Connection data

Connection technology

Connection method	LC

Conductor connection

Connection method	LC

Connector

Connection 1

Type	Plug straight LC/APC 8° Snap-in lever / IP20
Locking type	Snap-in lever
Handle color	green
Degree of protection	IP20

Connection 2

Type	free cable end / IP20
Degree of protection	IP20

Cable/line

Cable length	2.5 m
Cable type	FO pigtail set
Cable structure	semi-loose compact wires (STB)
Outer sheath, material	LSZH
Single wire, number of litz wires	12
Single wire, material	LSZH
Wire diameter incl. insulation	900 µm
Smallest bending radius, fixed installation	30 mm
Bending radius	30 mm
Halogen-free	yes
Resistance to oil	no
Flame resistance	yes

FO cable

Fiber	9/125 µm OS2
Fiber type	Singlemode
Attenuation	≤ 0.3 dB
Return Loss	≥ 60 dB
Transmission medium	Single-mode fiberglass

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

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1208106

UL Listed
Approval ID: E308814-20250516

Classifications

ECLASS

ECLASS-13.0	27060307
ECLASS-15.0	27060307

ETIM

ETIM 10.0	EC002599

UNSPSC

UNSPSC 21.0	26121600

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%

EF3.1 Climate Change

CO2e kg	5.81 kg CO2e

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