

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



1208114

<https://www.phoenixcontact.com/us/products/1208114>

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Fiber optic pigtail set with 12 pigtails, design: SC, degree of protection: IP20, cable length: 2.5 m, number of positions: 12, 100 Gbps, OS2, connection method: SC, cable outlet: straight, color: green



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	1208114
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB16
Product key	ABNIDB
GTIN	4063151277222
Weight per piece (including packing)	62.2 g
Weight per piece (excluding packing)	51.725 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	SC
Number of positions	12
Number of slots	12
Cable outlet	straight

Electrical properties

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

Connection data

Connection method	SC
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Dimensions

Width	9 mm
Height	8.3 mm
Length	2500 mm

Mechanical characteristics

Ferrule diameter	2.50 mm
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Material specifications

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

Connector

Connection 1

Type	Plug SC/APC 8°
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	9/125 µm OS2
Fiber type	Singlemode
Attenuation	≤ 0.3 dB
Return Loss	≥ 60 dB
Transmission medium	Single-mode fiberglass

Mechanical properties

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

Insertion/withdrawal cycles	> 500
Smallest bending radius	30 mm

Characteristics

Attenuation	≤ 0.3 dB (1310 nm)
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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
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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%

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