

# FOC-PT9:SC-OM4/2.5 - Fiber optic pigtail set with 12 pigtails



1208112

<https://www.phoenixcontact.com/us/products/1208112>

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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, 10 Gbps, OM4, connection method: SC, cable outlet: straight, color: violet



## 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	1208112
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB16
Product key	ABNIDB
GTIN	4063151277123
Weight per piece (including packing)	61.6 g
Weight per piece (excluding packing)	61.6 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 (1300 nm)
Transmission medium	FO
Transmission speed	10 Gbps
Transmission speed	10 Gbps

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

### Connector

#### Connection 1

Type	Plug SC/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 OM4
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
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## Mechanical data

Insertion/withdrawal cycles	> 500
Smallest bending radius	30 mm

## Characteristics

Attenuation	≤ 0.3 dB (1300 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

### UNSPSC

UNSPSC 21.0	26121600
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)