

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

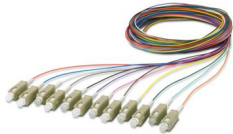


1208109

<https://www.phoenixcontact.com/us/products/1208109>

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 pigtail set with 12 pigtails, design: SC, degree of protection: IP20, cable length: 2.5 m, number of positions: 12, 1 Gbps, OM2, connection method: SC, 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	1208109
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB16
Product key	ABNIDB
GTIN	4063151277406
Weight per piece (including packing)	62.8 g
Weight per piece (excluding packing)	62.8 g
Customs tariff number	85447000
Country of origin	CN

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



1208109

<https://www.phoenixcontact.com/us/products/1208109>

## 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	1 Gbps
Transmission speed	1 Gbps

### Connection data

Connection method	SC
-------------------	----

### Dimensions

Width	9 mm
Height	8.3 mm
Length	2500 mm

### Mechanical characteristics

Ferrule diameter	2.50 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 SC/UPC
Degree of protection	IP20

#### Connection 2

Type	free cable end
Degree of protection	IP20

### Cable/line

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

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



1208109

<https://www.phoenixcontact.com/us/products/1208109>

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

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



1208109

<https://www.phoenixcontact.com/us/products/1208109>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1208109>



**UL Listed**

Approval ID: E308814-20250516

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



1208109

<https://www.phoenixcontact.com/us/products/1208109>

## Classifications

### ECLASS

ECLASS-13.0	27060307
ECLASS-15.0	27060307

### ETIM

ETIM 10.0	EC001855
-----------	----------

### UNSPSC

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

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



1208109

<https://www.phoenixcontact.com/us/products/1208109>

## 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%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - 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)