

FOC-PT9:ST-OM1/2.5 - Fiber optic cable



1208117

<https://www.phoenixcontact.com/us/products/1208117>

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Fiber optic cable, design: ST series, degree of protection: IP20, cable length: 2.5 m, number of positions: 12, connection method: ST, cable outlet: straight, color: silver/glossy



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 with RoHS 2 conformity
- Fire protection class UL 94-V0

Commercial data

Item number	1208117
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB11
Product key	ABNIDB
GTIN	4063151276751
Weight per piece (including packing)	85.7 g
Weight per piece (excluding packing)	22.22 g
Customs tariff number	85447000
Country of origin	CN

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Technical data

Product properties

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

Electrical properties

Attenuation	≤ 0.3 dB (1300 nm)
Transmission medium	FO

Dimensions

Width	9.5 mm
Height	9.5 mm
Length	2500 mm

Mechanical characteristics

Ferrule diameter	2.50 mm
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Material specifications

Color	silver/glossy
Color of the housing part	silver
Flammability rating according to UL 94	V0
Ferrule material	Zirconia ceramics
Material of grip body	beige
Outer sheath, material	LSZH

Connector

Connection 1

Type	Plug B-FOC (ST)
Degree of protection	IP20

Connection 2

Type	free cable end free cable end
Degree of protection	IP20

Cable/line

Cable length	2.50 m
Cable type	Optical wire
Cable type	900 μm
Cable structure	semi-loose compact wires (STB)
Outer sheath, material	LSZH
Single wire, material	LSZH

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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
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

Mounting

Connection method	ST
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Approvals

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EAC

Approval ID: B.01687

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Classifications

ECLASS

ECLASS-11.0	27061003
ECLASS-12.0	27061003
ECLASS-13.0	27061003

ETIM

ETIM 8.0	EC000748
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UNSPSC

UNSPSC 21.0	26121600
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Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e No hazardous substances above threshold values
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