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

1208119

https://www.phoenixcontact.com/us/products/1208119

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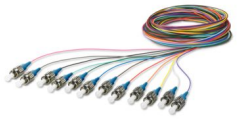
Fiber optic cable, design: LC, degree of protection: IP20, cable length: 2.5 m, number of positions: 12, 100 Gbps, connection method: ST, cable outlet: straight, color: silver/glossy



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	1208119
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB16
Product key	ABNIDB
GTIN	4063151276843
Weight per piece (including packing)	86.1 g
Weight per piece (excluding packing)	22.22 g
Customs tariff number	85447000
Country of origin	CN

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 (1310 nm)
Transmission medium	FO
Transmission speed	100 GBit/s

Connection data

Connection method	ST

Dimensions

Width	9.5 mm
Height	9.5 mm
Length	2500 mm

Mechanical characteristics

Ferrule diameter	2.50 mm

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	blue
Outer sheath, material	LSZH

Connector

Connection 1

Type	Plug SC duplex
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
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	50/125 µm
Fiber type	Singlemode
Attenuation	≤ 0.3 dB
Return Loss	≥ 50 dB
Transmission medium	Single-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 (1310 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

Classifications

ECLASS

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

ETIM

ETIM 9.0	EC002607

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%

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