

FOC-ADAPTER:SCD/SCD-OM4 - Fiber optic coupling



1208085

<https://www.phoenixcontact.com/us/products/1208085>

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Fiber optic coupling, degree of protection: IP20, number of positions: 2, material: Plastic, connection method: Coupling, cable outlet: straight, color: violet, Ethernet



Your advantages

- High reliability with comprehensive quality assurance measures
- Optimized precision (stability) with the use of ceramic sleeves
- Versatile range of applications with an extended temperature range and various mounting options
- Optimum compatibility with the FDX20 series splice boxes
- Future-proof with RoHS 2 conformity

Commercial data

Item number	1208085
Packing unit	6 pc
Minimum order quantity	6 pc
Sales key	AB16
Product key	ABNIDA
GTIN	4063151275860
Weight per piece (including packing)	9.083 g
Weight per piece (excluding packing)	9.083 g
Customs tariff number	85367000
Country of origin	CN

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Technical data

Product properties

Product type	Female insert
Type	SC
Sensor type	Ethernet
Number of positions	2
Connection profile	SC
Number of slots	2
Cable outlet	straight

Insulation characteristics

Overvoltage category	III
Degree of pollution	2

Electrical properties

Rated surge voltage	0.8 kV
Attenuation	≤ 0.2 dB
Insulation resistance	≥ 500 MΩ
Nominal current I_N	0.5 A
Transmission medium	FO

Connection data

Connection technology

Connection method	Coupling
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Dimensions

Width	34.7 mm
Height	9.4 mm
Length	27.4 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
Housing material	Plastic
Contact material	Copper alloy

Cable/line

Cable type	Fiberglass
External sheath, color	violet

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Tensile strength short-term/long-term	40 N
Flame resistance	yes

FO cable

Number of fibers	2
Fiber	50/125 µm
Fiber type	Multimode
Attenuation	≤ 0.2 dB

Mechanical properties

Tensile strength short-term/long-term	40 N
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Characteristics

Attenuation	≤ 0.2 dB
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
	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 UV radiation	no

Standards and regulations

Flame resistance	yes
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Classifications

ECLASS

ECLASS-11.0	27440390
ECLASS-13.0	19170116
ECLASS-12.0	27440390

UNSPSC

UNSPSC 21.0	39121400
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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