FOC-ADAPTER:SCD/SCD-MM-ME - Fiber optic coupling

1208083

https://www.phoenixcontact.com/us/products/1208083

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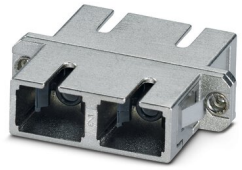

Fiber optic coupling, degree of protection: IP20, number of positions: 2, material: Metal, connection method: Coupling, cable outlet: straight, color: silver/matt, Ethernet

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
- Suitable for use for all multimode classes
- Optimum compatibility with the FDX20 series splice boxes
- Future-proof with RoHS 2 conformity

Commercial data

Item number	1208083
Packing unit	1 pc
Minimum order quantity	6 pc
Sales key	AB16
Product key	ABNIDA
GTIN	4063151276591
Weight per piece (including packing)	18.8 g
Weight per piece (excluding packing)	18.8 g
Customs tariff number	85367000
Country of origin	CN

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Technical data

Product properties

Type	SC
Product type	Female insert
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

Dimensions

Width	34.7 mm
Height	9.4 mm
Length	27.4 mm

Mechanical characteristics

Ferrule diameter	2.50 mm

Material specifications

Color	silver/matt
Color of the housing part	silver
Flammability rating according to UL 94	V0
Housing surface material	metal-plated
Contact surface material	Gold
Housing material	Metal

Cable/line

Cable type	Fiberglass

External sheath, color	silver-colored
Tensile strength short-term/long-term	40 N
Halogen-free	yes
Resistance to oil	yes
Flame resistance	yes

FO cable

Number of fibers	2
Fiber	50/125 µm
Fiber type	Fiberglass
Attenuation	≤ 0.15 dB

Mechanical properties

Tensile strength short-term/long-term	40 N

Characteristics

Attenuation	≤ 0.2 dB

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
	IP20
Ambient temperature (operation)	-40 °C ... 75 °C
Ambient temperature (storage/transport)	-55 °C ... 85 °C
Ambient temperature (assembly)	0 °C ... 50 °C
Resistance to UV radiation	yes
Resistance to oil	yes

Standards and regulations

Resistance to UV radiation	yes
Flame resistance	yes
Resistance to oil	yes

Mounting

Connection method	Coupling

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1208083

EAC
Approval ID: B.01687

Classifications

ECLASS

ECLASS-11.0	27440392
ECLASS-13.0	27440392
ECLASS-12.0	27440392

ETIM

ETIM 8.0	EC002943

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

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

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