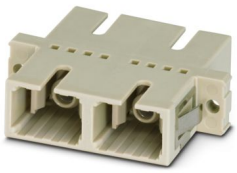
FOC-ADAPTER:SCD/SCD-MM - FO coupling

1208081

https://www.phoenixcontact.com/us/products/1208081

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FO coupling, degree of protection: IP20, number of positions: 2, material: Plastic, connection method: Coupling, cable outlet: straight, color: beige, 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, thanks to RoHS 2 conformity

Commercial data

Item number	1208081
Packing unit	6 pc
Minimum order quantity	6 pc
Sales key	AB16
Product key	ABNIDA
GTIN	4063151277208
Weight per piece (including packing)	9.03 g
Weight per piece (excluding packing)	9.03 g
Customs tariff number	85367000
Country of origin	CN

Technical data

Product properties

Product type	Data plug
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 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	beige
Color of the housing part	beige
Flammability rating according to UL 94	V0
Housing material	Plastic
Contact material	Copper alloy

Cable/line

Cable type	Fiberglass
External sheath, color	beige
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

Characteristics

Attenuation	≤ 0.2 dB

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

Classifications

ECLASS

ECLASS-13.0	19170116
ECLASS-15.0	19170116

ETIM

ETIM 9.0	EC000752

UNSPSC

UNSPSC 21.0	39121400

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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