

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

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

FO 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, thanks to RoHS 2 conformity

Commercial data

Item number	1208083
Packing unit	6 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

## 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	$\leq 0.2$ dB
Insulation resistance	$\geq 500$ M $\Omega$
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	silver/matt
Color of the housing part	silver
Flammability rating according to UL 94	V0
Housing material	Metal
Housing surface material	metal-plated
Contact surface material	Gold

### Cable/line

Cable type	Fiberglass
External sheath, color	silver-colored
Tensile strength short-term/long-term	40 N

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



1208083

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

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

Flame resistance	yes
Resistance to oil	yes

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



1208083

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

## 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%