

# PSM-SET-SC-DUPLEX/2-HCS/PN - FO connectors



2313779

<https://www.phoenixcontact.com/us/products/2313779>

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FO connectors, degree of protection: IP20, number of positions: 2, MM, cable outlet: straight



SC duplex

## Your advantages

- Suitable for quick and easy field assembly or repair
- Flexible application, thanks to reusable connector
- Outstanding transmission properties
- Ideal for PCF graded-index (GI) fibers
- Compact design, thanks to SC duplex pin connector pattern
- No bonding or polishing

## Commercial data

Item number	2313779
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB16
Product key	ABNIAB
GTIN	4046356572965
Weight per piece (including packing)	35.8 g
Weight per piece (excluding packing)	35.8 g
Customs tariff number	85367000
Country of origin	DE

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## Technical data

### Product properties

Product type	Fiber optic connector (cable side)
Type	SC-RJ
Number of positions	2
Cable outlet	straight

### Insulation characteristics

Overvoltage category	I
Degree of pollution	2

### Electrical properties

Attenuation	$\geq 2$ dB (Insertion attenuation)
Transmission medium	FO
Transmission characteristics (category)	MM

### Dimensions

Width	25 mm
Height	10 mm
Length	88.5 mm

### Material specifications

Flammability rating according to UL 94	V0
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### Cable/line

Cable type	for all common PCF cable types
External cable diameter	2.2 mm ... 2.2 mm
Individual wire diameter	2.2 mm

### FO cable

Number of fibers	2
Fiber type	PCF
Attenuation	$\leq 1.5$ dB
Transmission medium	FO

### Characteristics

Attenuation	$\geq 2$ dB (Insertion attenuation)
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### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C

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Ambient temperature (assembly)

0 °C ... 50 °C

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## Classifications

### ECLASS

ECLASS-13.0	19170122
ECLASS-15.0	19170122

### ETIM

ETIM 10.0	EC001122
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### UNSPSC

UNSPSC 21.0	43223300
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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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