

# FOC-V06-D1PGY-S/SJBE4 - FO coupling



1410050

<https://www.phoenixcontact.com/us/products/1410050>

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SC-RJ field coupling

SC-RJ coupling, IP65/67, duplex, can be used for GOF (multi-mode and single-mode), PCF, and polymer fiber types

## Your advantages

- Permanent mounting is also an option
- Including covers for protection against environmental influences
- Can be used for all fiber types

## Commercial data

Item number	1410050
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABNNBZ
GTIN	4046356892704
Weight per piece (including packing)	39.7 g
Weight per piece (excluding packing)	35.7 g
Country of origin	DE

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## Technical data

### Product properties

Product type	Female insert
Housing type	Plastic sleeve housing
Type	SC-RJ
Number of positions	2
Connection profile	SCRJ
Number of slots	1
Cable outlet	straight

### Insulation characteristics

Overvoltage category	III
Degree of pollution	2

### Electrical properties

Rated surge voltage	0.8 kV
Nominal current $I_N$	0.5 A
Transmission medium	FO

### Connection data

#### Connection technology

Connection method	Coupling
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### Interfaces

Signal type/category	Ethernet
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### Dimensions

#### Mechanical characteristics

Ferrule diameter	2.50 mm
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### Material specifications

Color	gray
Material	Plastic
Flammability rating according to UL 94	V0
Seal material	NBR
Ferrule material	Zirconia ceramics
Housing material	Plastic
Contact material	Copper alloy

### Cable/line

Signal type/category	Ethernet
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FO cable

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Number of fibers	2
Fiber type	GOF, PCF, POF

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP67
	IP65/IP67
Ambient temperature (operation)	-10 °C ... 60 °C

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## Classifications

### ECLASS

ECLASS-13.0

19170116

### ETIM

ETIM 9.0

EC000516

### UNSPSC

UNSPSC 21.0

39121500

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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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