

2313070

<https://www.phoenixcontact.com/nl/products/2313070>

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FO connectors, degree of protection: IP20, number of positions: 2, MM, material: Plastic, connection method: Cable connection, cable outlet: straight, color: black



SC-RJ

Your advantages

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

Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 2313070       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | ABNIAB        |
| Product key                          | ABNIAB        |
| GTIN                                 | 4046356098847 |
| Weight per piece (including packing) | 43 g          |
| Weight per piece (excluding packing) | 43 g          |
| Customs tariff number                | 85367000      |
| Country of origin                    | DE            |

# PSM-SET-SCRJ-DUP/2-HCS - FO connectors



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## Set consists of

### VS-SCRJ-HCS-FA-IP20 - FO connectors

1654866

<https://www.phoenixcontact.com/nl/products/1654866>



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## Technical data

### Notes

|                    |                                                             |
|--------------------|-------------------------------------------------------------|
| Order information: | Single unit packaging: please order using Order No. 1654866 |
|--------------------|-------------------------------------------------------------|

### Product properties

|                     |          |
|---------------------|----------|
| Application         | neutral  |
| Type                | SC-RJ    |
| Number of positions | 2        |
| Connection profile  | SCRJ     |
| Cable outlet        | straight |

### Insulation characteristics

|                      |   |
|----------------------|---|
| Overvoltage category | I |
| Degree of pollution  | 2 |

### Electrical properties

|                                         |                                |
|-----------------------------------------|--------------------------------|
| Attenuation                             | ≥ 2 dB (Insertion attenuation) |
| Transmission medium                     | FO                             |
| Transmission characteristics (category) | MM                             |

### Connection data

|                   |                  |
|-------------------|------------------|
| Connection method | Cable connection |
|-------------------|------------------|

### Dimensions

|        |         |
|--------|---------|
| Width  | 16.5 mm |
| Height | 11 mm   |
| Length | 88.5 mm |

### Mechanical characteristics

|                  |         |
|------------------|---------|
| Ferrule diameter | 2.50 mm |
|------------------|---------|

### Material specifications

|                                        |              |
|----------------------------------------|--------------|
| Color                                  | black        |
| Material                               | Plastic      |
| Flammability rating according to UL 94 | V0           |
| Ferrule material                       | Copper alloy |
| Housing material                       | Plastic      |

### Cable/line

|                          |                   |
|--------------------------|-------------------|
| Cable type               | PCF 200/230       |
| Cable type               | Single wires      |
| External cable diameter  | 2.9 mm ... 2.9 mm |
| Individual wire diameter | 2.9 mm            |

# PSM-SET-SCRJ-DUP/2-HCS - FO connectors



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## FO cable

|                     |            |
|---------------------|------------|
| Fiber               | 200/230 µm |
| Fiber type          | PCF        |
| Attenuation         | ≤ 1.5 dB   |
| Transmission medium | FO         |

## Characteristics

|             |                                |
|-------------|--------------------------------|
| Attenuation | ≥ 2 dB (Insertion attenuation) |
|-------------|--------------------------------|

## Environmental and real-life conditions

### Ambient conditions

|                                         |                  |
|-----------------------------------------|------------------|
| Degree of protection                    | IP20             |
|                                         | IP20             |
| Ambient temperature (operation)         | -25 °C ... 70 °C |
| Ambient temperature (storage/transport) | -25 °C ... 70 °C |
| Ambient temperature (assembly)          | 0 °C ... 50 °C   |

## Mounting

|                  |                    |
|------------------|--------------------|
| Mounting type    | For field assembly |
| cable layer type | Indoors            |

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 19170122 |
| ECLASS-15.0 | 19170122 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC001122 |
|-----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 43223300 |
|-------------|----------|

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## 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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