

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



2313779

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

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 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                            | ABNIAB        |
| Product key                          | ABNIAB        |
| GTIN                                 | 4046356572965 |
| Weight per piece (including packing) | 35,8 g        |
| Weight per piece (excluding packing) | 35,8 g        |
| Customs tariff number                | 85366910      |
| Country of origin                    | DE            |

## Technical data

### Product properties

|                     |          |
|---------------------|----------|
| Type                | SC-RJ    |
| Number of positions | 2        |
| 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                             |

### Dimensions

|        |         |
|--------|---------|
| Width  | 25 mm   |
| Height | 10 mm   |
| Length | 88.5 mm |

### Material specifications

|                                        |    |
|----------------------------------------|----|
| Flammability rating according to UL 94 | V0 |
|----------------------------------------|----|

### 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         | ≤ 1.5 dB |
| Transmission medium | FO       |

### Characteristics

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

### 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 |
| Ambient temperature (assembly)          | 0 °C ... 50 °C   |

2313779

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

## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

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

2313779

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

## 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% |
|-------------------------------------|----------------------------|

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

PHOENIX CONTACT B.V.  
Hengelder 56 6902 PA Zevenaar  
Postbus 246 6900 AE Zevenaar  
(0316) 59 17 20  
[sales@phoenixcontact.nl](mailto:sales@phoenixcontact.nl)