

FO connectors - VS-PPC-C1-SCRJ-MNNA-PG9-A3C-C



1608045

<https://www.phoenixcontact.com/pc/products/1608045>

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Fiber optic connector SC-RJ, IP67, with push-pull interlocking, metal housing, duplex, with fast connection technology, for PCF fiber 200/230 µm, for individual wire diameter 2.2 mm, for cable cross section 6.5 mm ... 9.5 mm

Commercial Data

Item number	1608045
Packing unit	1 pc
Minimum order quantity	1 pc
Product Key	ABNEBA
Catalog Page	Page 131 (C-2-2013)
GTIN	4046356131711
Weight per Piece (including packing)	74.8 g
Weight per Piece (excluding packing)	70.84 g
Customs tariff number	85366990
Country of origin	DE

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Technical Data

Notes

General	This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 2.00, order no: 2.252, Chapter 8.4 Connectors for outside environment (optical fibre) and chapter 13 Application specific Cabling and Interconnection Technology (AIDA)
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Product properties

Type	SCRJ
Product type	Fiber optic connector (cable side)
Number of positions	2
Connection profile	SCRJ in acc. with IEC 61754-24
Locking type	Push Pull
Cable outlet	straight

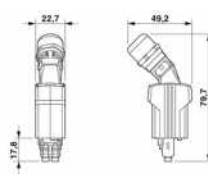
Insulation characteristics

Degree of pollution	2
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Electrical properties

Attenuation	≥ 2 dB (Insertion attenuation)
Transmission medium	FO

Dimensions

Dimensional drawing	
Width	22 mm
Height	30 mm
Length	62.5 mm

Mechanical characteristics

Ferrule diameter	2.50 mm
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Material specifications

Color	silver
Material	Metal
Flammability rating according to UL 94	V0
Ferrule material	Copper alloy
Housing surface material	Nickel-plated
Cable seal material	TPE

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O-ring material	NBR
Housing material	Metal

Cable / line

Cable type	Plastic-coated fiber
External cable diameter	6.5 mm ... 9.5 mm
Wire diameter	2.2 mm
Individual wire diameter	2.2 mm
Resistance to oil	yes
Flame resistance	yes

FO cable

Number of fibers	2
Fiber	200/230 µm
Fiber type	PCF

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500
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Characteristics

Attenuation	≥ 2 dB (Insertion attenuation)
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65/IP67
Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Ambient temperature (assembly)	0 °C ... 50 °C
Resistance to oil	yes

Standards and regulations

Flame resistance	yes
Resistance to oil	yes
Standards/specifications	IEC PAS 61076-3-117

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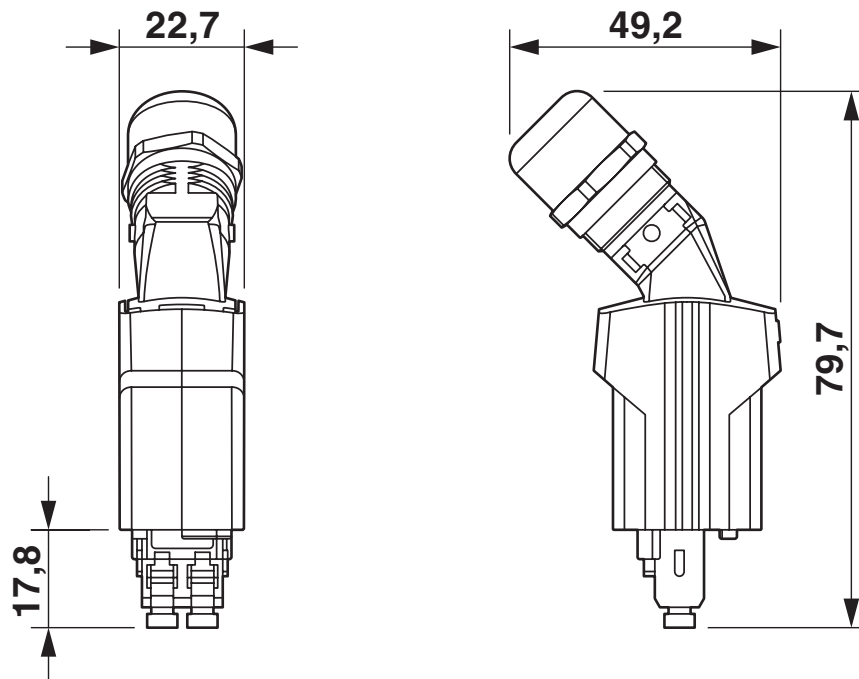


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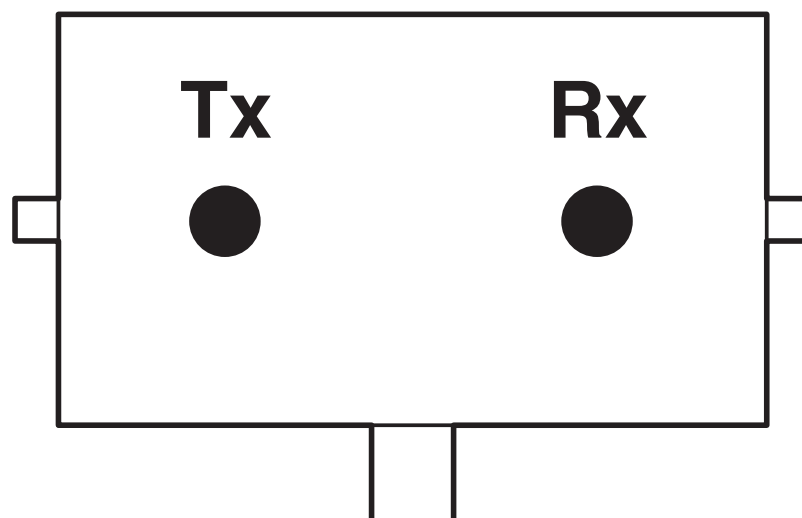
Drawings

Dimensional drawing



Push-Pull SC-RJ connector IP65/67

Schematic diagram



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Approvals



EAC

Approval ID: B.01687



UL Listed

Approval ID: E308814-20070105

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Classifications

ECLASS

ECLASS-9.0	19170122
ECLASS-10.0.1	19170122
ECLASS-11.0	19170122

ETIM

ETIM 8.0	EC001122
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UNSPSC

UNSPSC 21.0	43223300
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Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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Accessories

Assembly tool

Assembly tool - PSM-HCS-KONFTOOL/SC-RJ - 2708876

<https://www.phoenixcontact.com/pc/products/2708876>



HCS assembly kit for SC-RJ quick mounting connectors, including stripping blade, stripping pliers, aramide yarn scissors, fiber stripper, microscope, fiber cleaving tool for standard HCS and HCS GI fibers, two SC-RJ connectors for standard HCS fiber, and documentation

FO cable

FO cable - FL FOC PN-B-HCS-200/230 - 2313766

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PROFINET PCF fiber cable, duplex 200 μm / 230 μm , for installation in stationary systems and machines, type B, PVC outer sheath, sold by the meter without plug

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FO cable

FO cable - FOC-OE-OE-HB01/... - 1406432

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PCF outdoor cable, 2-wire, full breakout cable for fixed installation, non-metal rodent protection, can be easily stripped, UV resistant, high mechanical and thermal stability, low smoke, halogen-free and self-extinguishing, improved impact resistance, longitudinally and transversely watertight

Assembly tool

Assembly tool - PSM-HCS-CLEAVETOOL/SCRJ - 2313122

<https://www.phoenixcontact.com/pc/products/2313122>



Fiber cleaving tool for PCF fibers, pin assignment: SC-RJ or SC duplex for the assembly of SC quick mounting connectors, supplements PSM-PCF-KONFTOOL...

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