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Fiber optic coupling, design: SC, degree of protection: IP20, number of positions: 2, material: Plastic, connection method: Coupling, cable outlet: straight

Product description

SC-Simplex coupling single mode APC, suitable for single mode and multimode applications, integrated self-closing metal laser protection flaps, guide sleeve made of zirconia (ceramic)

Your advantages

- High reliability with comprehensive quality assurance measures
- Optimized precision (stability) with the use of ceramic sleeves
- Future-proof with RoHS 2 conformity
- Tailored for compatibility with the DIN rail adapters
- Assembly without special tools
- Flexible use, thanks to DIN rail and direct mounting

Commercial data

Item number	1041800
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB16
Product key	ABNIDA
Catalog page	Page 375 (C-2-2019)
GTIN	4055626596877
Weight per piece (including packing)	6.7 g
Weight per piece (excluding packing)	6.7 g
Customs tariff number	85367000
Country of origin	CN

FOC-I-D1PGR-S/SCGCSM - Fiber optic coupling

1041800

https://www.phoenixcontact.com/us/products/1041800

Technical data

Notes

General	For integration into DIN rail adapter NBC-PP-G1PGY

Product properties

Product type	Female insert
Type	SC
Number of positions	2
Connection profile	SCRJ
No. of cable outlets	2
Number of slots	1
Protective cover	yes
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

Material specifications

Color of the housing part	green
Flammability rating according to UL 94	V0
Ferrule material	Zirconia ceramics
Housing material	Plastic
Contact material	Copper alloy

Cable/line

Cable type	Fiberglass
External sheath, color	silver-colored
Tensile strength short-term/long-term	40 N
Resistance to oil	no

FO cable

Number of fibers	2
Attenuation	≤ 0.2 dB

Mechanical properties

Tensile strength short-term/long-term	40 N

Mechanical data

Insertion/withdrawal cycles	≥ 500
Extraction force per signal contact	≥ 70 N

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
	IP20
Ambient temperature (operation)	-10 °C ... 70 °C
Resistance to UV radiation	no
Resistance to oil	no

Standards and regulations

Resistance to oil	no

Mounting

Mounting type	Snap in

Classifications

ECLASS

ECLASS-11.0	19170116
ECLASS-12.0	19170116
ECLASS-13.0	19170116

ETIM

ETIM 9.0	EC000752

UNSPSC

UNSPSC 21.0	26121600

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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Mandatory accessories

NBC-PP-G1PGY - DIN rail adapter

1041740

https://www.phoenixcontact.com/us/products/1041740

DIN rail adapter, design: Headers with shielding, degree of protection: IP20, material: PC-GF10, connection method: Quick connection, without assembled modules

Accessories

NBC-PP-G1PGY - DIN rail adapter

1041740

https://www.phoenixcontact.com/us/products/1041740

DIN rail adapter, design: Headers with shielding, degree of protection: IP20, material: PC-GF10, connection method: Quick connection, without assembled modules

FOC-I-D1PGR-S/SCGCSM - Fiber optic coupling

1041800

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CUC-PP-FR19:1U-I-EMPTY:24 - Marshalling panel

1422978

https://www.phoenixcontact.com/us/products/1422978

Patch bay, 19" mounting, IP20, with 24 slots selectively for RJ45 cable connection modules, RJ45 coupling modules, LC duplex, SC simplex and MPO, medium gray

CUC-PP-FR19:1U-I-EMPTY:24 BK - Marshalling panel

1422979

https://www.phoenixcontact.com/us/products/1422979

Marshalling panel, design: RJ45, degree of protection: IP20, material: PC-GF, connection method: Quick connection, housing size: 1, color: black