

FOC-I-D1PGN-S/LCGCSM - Fiber optic coupling



1041780

<https://www.phoenixcontact.com/us/products/1041780>

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

Product description

LC-duplex 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, thanks to RoHS 2 conformity
- Tailored for compatibility with the DIN rail adapters
- Assembly without special tools

Commercial data

Item number	1041780
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB16
Product key	ABNIDA
Catalog page	Page 375 (C-2-2019)
GTIN	4055626599922
Weight per piece (including packing)	7.5 g
Weight per piece (excluding packing)	7.4 g
Customs tariff number	85367000
Country of origin	CN

Technical data

Notes

Notes on operation	For integration into DIN rail adapter NBC-PP-G1PGY
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Product properties

Product type	Female insert
Type	LC
Number of positions	2
Connection profile	LC
No. of cable outlets	2
Number of slots	2
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
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Material specifications

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

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

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Mechanical properties

Tensile strength short-term/long-term	40 N
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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
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Mounting

Mounting type	Snap in
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Classifications

ECLASS

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

ETIM

ETIM 9.0	EC000752
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UNSPSC

UNSPSC 21.0	26121600
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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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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

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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



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