FOC-I-D1PGN-S/LCGCSM - FO coupling

1041780

https://www.phoenixcontact.com/ae/products/1041780

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.



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	AB
Product key	ABNIDA
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

Product properties

Product type	Data plug
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 method	Coupling

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

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-13.0	19170116
ECLASS-15.0	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%

Phoenix Contact 2025 © - all rights reserved
https://www.phoenixcontact.com

PHOENIX CONTACT Middle East FZ LLC
1201N-1206N, Dubai Science Park Towers – North
P.O. Box 345002, Dubai, United Arab Emirates
(+971) 4 437-0324
info-me@phoenixcontact.com