FOC-ADAPTER:LCD/LCD-OSA - FO coupling

1208077

https://www.phoenixcontact.com/us/products/1208077

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FO coupling, degree of protection: IP20, number of positions: 2, material: Plastic, connection method: Coupling, cable outlet: straight, color: green

Your advantages

- High reliability with comprehensive quality assurance measures
- Optimized precision (stability) with the use of ceramic sleeves
- Versatile range of applications with an extended temperature range and various mounting options
- Optimum compatibility with the FDX20 series splice boxes
- Future-proof, thanks to RoHS 2 conformity

Commercial data

Item number	1208077
Packing unit	6 pc
Minimum order quantity	6 pc
Sales key	AB16
Product key	ABNIDA
GTIN	4063151275259
Weight per piece (including packing)	5.2 g
Weight per piece (excluding packing)	5.033 g
Customs tariff number	85367000
Country of origin	CN

Technical data

Product properties

Product type	Data plug
Type	LC
Number of positions	2
Connection profile	LC
Number of slots	2
Cable outlet	straight

Insulation characteristics

Overvoltage category	III
Degree of pollution	2

Electrical properties

Rated surge voltage	0.8 kV
Attenuation	≤ 0.2 dB
Nominal current I_N	0.5 A
Transmission medium	FO

Connection data

Connection method	Coupling

Dimensions

Width	22 mm
Height	9.4 mm
Length	29.2 mm

Mechanical characteristics

Ferrule diameter	1.25 mm

Material specifications

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

Cable/line

Cable type	Fiberglass
External sheath, color	beige
Tensile strength short-term/long-term	40 N
Flame resistance	yes

FO cable

Number of fibers	2
Fiber	9/125 µm
Fiber type	Fiberglass

Mechanical properties

Tensile strength short-term/long-term	40 N

Characteristics

Attenuation	≤ 0.2 dB

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
	IP20
Ambient temperature (operation)	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Ambient temperature (assembly)	0 °C ... 50 °C
Resistance to UV radiation	no

Standards and regulations

Flame resistance	yes

Classifications

ECLASS

ECLASS-13.0	19170116
ECLASS-15.0	19170116

ETIM

ETIM 9.0	EC000752

UNSPSC

UNSPSC 21.0	39121400

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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