FOC-ADAPTER:STD/STD-MM - Fiber optic coupling

1208094

https://www.phoenixcontact.com/us/products/1208094

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Fiber optic coupling, degree of protection: IP20, number of positions: 2, material: Metal, connection method: Coupling, cable outlet: straight, color: silver/matt, Ethernet

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
- Suitable for use for all multimode classes
- Optimum compatibility with the FDX20 series splice boxes
- Future-proof with RoHS 2 conformity

Commercial data

Item number	1208094
Packing unit	1 pc
Minimum order quantity	6 pc
Sales key	AB16
Product key	ABNIDA
GTIN	4063151275266
Weight per piece (including packing)	14.916 g
Weight per piece (excluding packing)	14.916 g
Customs tariff number	85367000
Country of origin	CN

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Technical data

Product properties

Product type	Female insert
Sensor type	Ethernet
Number of positions	2
Connection profile	B-FOC (ST$^{®}$)
Number of slots	2
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

Dimensions

Width	34.7 mm
Height	9.4 mm
Length	29.7 mm

Mechanical characteristics

Ferrule diameter	2.50 mm

Material specifications

Color	silver/matt
Color of the housing part	silver
Flammability rating according to UL 94	V0
Housing surface material	metal-plated
Contact surface material	Gold
Housing material	Metal

Cable/line

Cable type	Fiberglass
External sheath, color	silver-colored
Tensile strength short-term/long-term	40 N
Halogen-free	yes

Resistance to oil	yes
Flame resistance	yes

FO cable	
Number of fibers	2
Fiber	50/125 µm
Fiber type	Multimode
Attenuation	≤ 0.35 dB

Mechanical properties

Tensile strength short-term/long-term	40 N

Environmental and real-life conditions

Ambient conditions	
Degree of protection	IP20
	IP20
Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Ambient temperature (assembly)	-5 °C ... 55 °C
Resistance to UV radiation	yes
Resistance to oil	yes

Standards and regulations

Resistance to UV radiation	yes
Flame resistance	yes
Resistance to oil	yes

Mounting

Connection method	Coupling

Approvals

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	EAC
EHC	Approval ID: B.01687

Classifications

ECLASS

ECLASS-11.0	27440390
ECLASS-13.0	27440390
ECLASS-12.0	27440390

ETIM

ETIM 8.0	EC001121

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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