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Coupling; set consisting of 2 couplings for connecting F-SMA plugs



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

Commercial data

Item number	2799416
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB16
Product key	ABNIDA
Catalog page	Page 380 (C-2-2019)
GTIN	4017918118396
Weight per piece (including packing)	13 g
Weight per piece (excluding packing)	6.5 g
Customs tariff number	85367000
Country of origin	DE

PSM-SET-FSMA-LINK/2 - Fiber optic coupling



2799416

<https://www.phoenixcontact.com/us/products/2799416>

Technical data

Product properties

Type	FSMA
Product type	Female insert
Sensor type	Ethernet
Number of positions	2
Connection profile	FSMA
Application	Fiber optic coupling
Type	Socket

Electrical properties

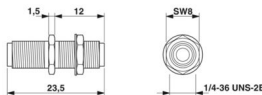
Attenuation	< 2 dB
Transmission medium	FO

Connection data

Connection technology

Connection method	Coupling
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Dimensions

Dimensional drawing	
Depth	23.5 mm
Hole diameter	6.75 mm

Material specifications

Color	Bare metallic
Color of the housing part	silver
Material	Die-cast zinc
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
Resistance to oil	yes

FO cable

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Number of fibers	2
Fiber type	GOF, PCF, POF
Attenuation	≤ 1.5 dB

Mechanical properties

Tensile strength short-term/long-term	40 N
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Mechanical data

Insertion/withdrawal cycles	≥ 500
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Characteristics

Attenuation	< 2 dB
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
	IP20
Ambient temperature (operation)	-25 °C ... 85 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Ambient temperature (assembly)	-5 °C ... 50 °C
Resistance to UV radiation	yes
Resistance to oil	yes

Standards and regulations

Resistance to UV radiation	yes
Resistance to oil	yes

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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	43223300
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Environmental product compliance

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

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