

PSM-SET-BFOC-LINK/2 - FO coupling



2799429

<https://www.phoenixcontact.com/us/products/2799429>

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Coupling; set consisting of 2 couplings for connecting B-FOC plugs



Commercial data

Item number	2799429
Packing unit	1 pc
Sales key	AB16
Product key	ABNIDA
GTIN	4017918118389
Weight per piece (including packing)	19.3 g
Weight per piece (excluding packing)	19.3 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Product properties

Product type	Data plug
Application	FO coupling
Sensor type	Ethernet
Connection profile	B-FOC (ST®)

Electrical properties

Attenuation	< 2 dB
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Connection data

Connection method	Coupling
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Dimensions

Dimensional drawing	
Depth	29.4 mm

Mechanical characteristics

Ferrule diameter	2.50 mm
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Material specifications

Color	Bare metallic
Material	Die-cast zinc
Flammability rating according to UL 94	V0

Cable/line

Cable type	Fiberglass
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FO cable

Number of fibers	2
Fiber type	GOF, PCF, POF
Attenuation	≤ 0.2 dB

Characteristics

Attenuation	< 2 dB
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
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	IP20
Ambient temperature (operation)	-40 °C ... 85 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Ambient temperature (assembly)	-5 °C ... 50 °C

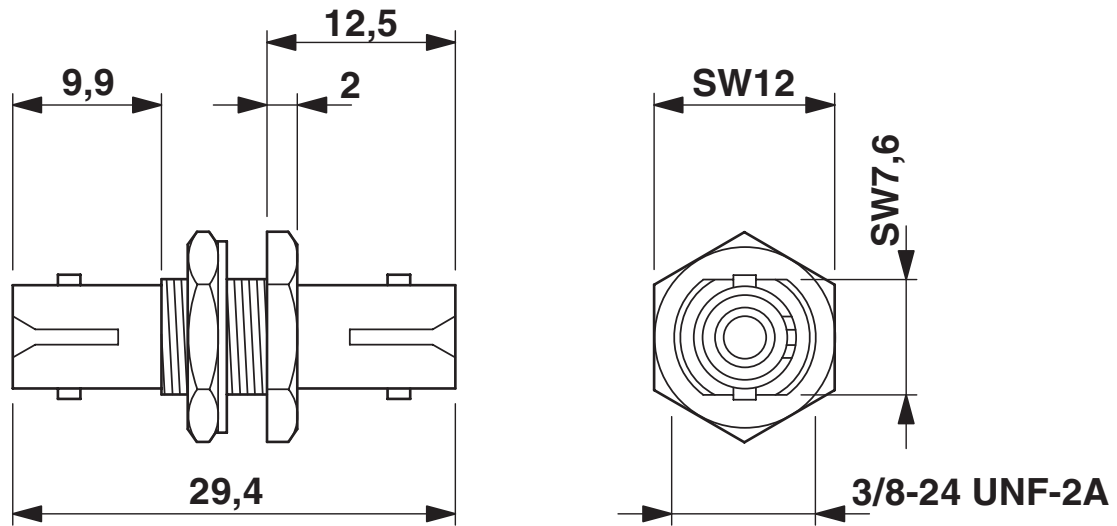
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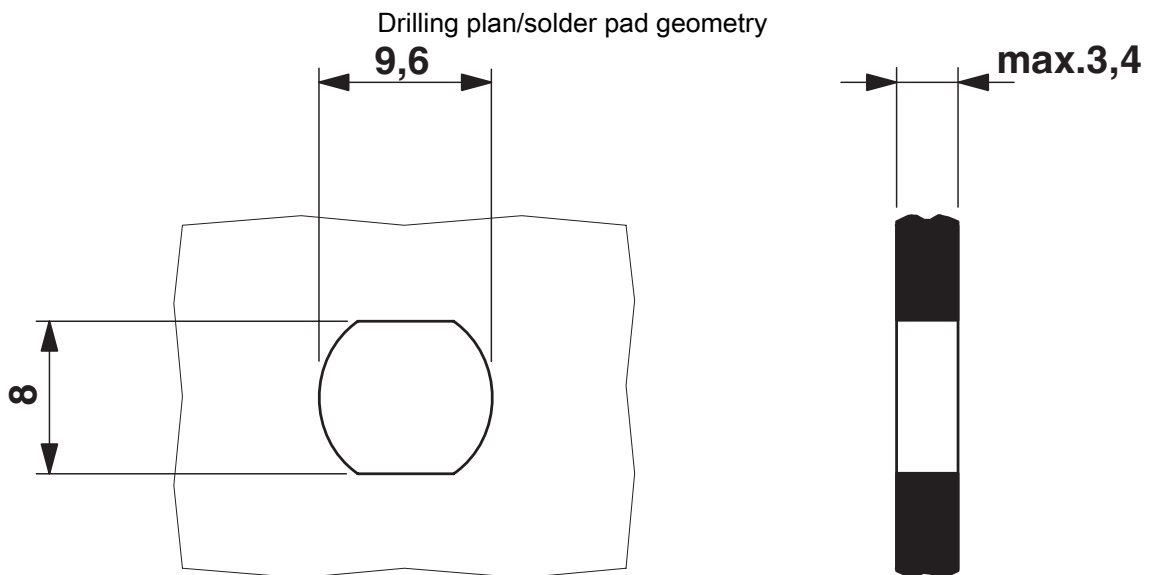
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Drawings

Dimensional drawing



Dimensional drawing B-FOC coupling



Drilling diagram B-FOC panel feed-through

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Classifications

UNSPSC

UNSPSC 21.0	43223300
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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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