FOC-ADAPTER:ST/ST-SM - FO coupling

1208100

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800 V
IEC



FO coupling, 1-position, connection method: Coupling, material: Metal, degree of protection: IP20, color: silver/matt

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
- Future-proof, thanks to RoHS 2 conformity

Commercial data

Item number	1208100
Packing unit	2 pc
Minimum order quantity	2 pc
Sales key	AB16
Product key	ABNIDA
GTIN	4063151275976
Weight per piece (including packing)	10.12 g
Weight per piece (excluding packing)	1 g
Customs tariff number	85367000
Country of origin	CN

Technical data

Product properties

Product type	Data plug
Number of positions	1
Connection profile	B-FOC (ST®)
Number of slots	1
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

Dimensions

Width	14.7 mm
Height	14.7 mm
Length	29.3 mm

Mechanical characteristics

Ferrule diameter	2.5 mm

Material specifications

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

Cable/line

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

FO cable

Number of fibers	1
Fiber	9/125 µm
Fiber type	Singlemode
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

Standards and regulations

Flame resistance	yes

Classifications

ECLASS

ECLASS-13.0	19170116
ECLASS-15.0	19170116

ETIM

ETIM 10.0	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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