

1208069

https://www.phoenixcontact.com/us/products/1208069

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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	1208069
Packing unit	6 pc
Minimum order quantity	6 pc
Sales key	AB16
Product key	ABNIDA
GTIN	4063151275853
Weight per piece (including packing)	11.25 g
Weight per piece (excluding packing)	11.25 g
Customs tariff number	85367000
Country of origin	CN



1208069

https://www.phoenixcontact.com/us/products/1208069

# Technical data

### Product properties

Product type	Female insert
Туре	LC
Sensor type	Ethernet
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 <sub>N</sub>	0.5 A
Transmission medium	FO

### Connection data

#### Connection technology

Connection method	Coupling

#### **Dimensions**

Width	22 mm
Height	9.4 mm
Length	19.2 mm

#### Mechanical characteristics

Ferrule diameter	1.25 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



1208069

https://www.phoenixcontact.com/us/products/1208069

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	Fiberglass
Attenuation	≤ 0.15 dB
echanical properties	
Tensile strength short-term/long-term	40 N
haracteristics	
Attenuation	≤ 0.2 dB
Ambient conditions	JD00
Degree of protection	IP20
Ambient temperature (eneration)	IP20
Ambient temperature (operation)  Ambient temperature (storage/transport)	40 °C 7E °C
Ambient temperature (Storage/transport)	-40 °C 75 °C
	-55 °C 85 °C
Ambient temperature (assembly)	-55 °C 85 °C 0 °C 50 °C
Ambient temperature (assembly) Resistance to UV radiation	-55 °C 85 °C 0 °C 50 °C yes
Ambient temperature (assembly)	-55 °C 85 °C 0 °C 50 °C
Ambient temperature (assembly) Resistance to UV radiation	-55 °C 85 °C 0 °C 50 °C yes
Ambient temperature (assembly) Resistance to UV radiation Resistance to oil	-55 °C 85 °C 0 °C 50 °C yes
Ambient temperature (assembly) Resistance to UV radiation Resistance to oil tandards and regulations	-55 °C 85 °C 0 °C 50 °C yes yes
Ambient temperature (assembly) Resistance to UV radiation Resistance to oil tandards and regulations Resistance to UV radiation	-55 °C 85 °C  0 °C 50 °C  yes  yes



1208069

https://www.phoenixcontact.com/us/products/1208069

# Classifications

UNSPSC 21.0

### **ECLASS**

ECLASS-11.0	27440392
ECLASS-13.0	19170116
ECLASS-12.0	27440392
ETIM	
ETIM 9.0	EC002943
UNSPSC	

39121400



1208069

https://www.phoenixcontact.com/us/products/1208069

# 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%

Phoenix Contact 2024 @ - all rights reserved https://www.phoenixcontact.com

Phoenix Contact USA 586 Fulling Mill Road Middletown, PA 17057, United States (+717) 944-1300 info@phoenixcon.com