

# FOC-ADAPTER:ST/ST-MM - FO coupling



1208099

<https://www.phoenixcontact.com/us/products/1208099>

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.



FO coupling, degree of protection: IP20, number of positions: 1, 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
- Future-proof, thanks to RoHS 2 conformity

## Commercial data

Item number	1208099
Packing unit	2 pc
Minimum order quantity	2 pc
Sales key	AB16
Product key	ABNIDA
GTIN	4063151277215
Weight per piece (including packing)	10.1 g
Weight per piece (excluding packing)	10.1 g
Customs tariff number	85367000
Country of origin	CN

# FOC-ADAPTER:ST/ST-MM - FO coupling



1208099

<https://www.phoenixcontact.com/us/products/1208099>

## 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
-------------------	----------

### Interfaces

Signal type/category	Ethernet
----------------------	----------

### Dimensions

Width	14.7 mm
Height	14.7 mm
Length	29.3 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 material	Metal
Housing surface material	metal-plated
Contact surface material	Gold

### Cable/line

Cable type	Fiberglass
Signal type/category	Ethernet
External sheath, color	silver-colored
Tensile strength short-term/long-term	40 N

# FOC-ADAPTER:ST/ST-MM - FO coupling



1208099

<https://www.phoenixcontact.com/us/products/1208099>

Halogen-free	yes
Flame resistance	yes

## FO cable

Number of fibers	1
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

## Standards and regulations

Flame resistance	yes
------------------	-----

# FOC-ADAPTER:ST/ST-MM - FO coupling



1208099

<https://www.phoenixcontact.com/us/products/1208099>

## Classifications

### ECLASS

ECLASS-13.0	19170116
ECLASS-15.0	19170116

### ETIM

ETIM 10.0	EC000752
-----------	----------

### UNSPSC

UNSPSC 21.0	39121400
-------------	----------

1208099

<https://www.phoenixcontact.com/us/products/1208099>

## 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%
-------------------------------------	----------------------------

### EF3.1 Climate Change

CO2e kg	0.161 kg CO2e
---------	---------------

Phoenix Contact 2026 © - 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](mailto:info@phoenixcon.com)