

# FL SFP SX2 - Media module



2702397

<https://www.phoenixcontact.com/us/products/2702397>

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.

Gigabit SFP module for transmission up to 2 km with a wavelength of 1310 nm.



## Product description

SFP module with a data transmission speed of 1000 Mbps, a wavelength of 1310 nm, and a maximum transmission length of 2 km.

## Your advantages

- MSA compliant

## Commercial data

Item number	2702397
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN22
Product key	DNN1ZS
Catalog page	Page 332 (C-6-2019)
GTIN	4055626163161
Weight per piece (including packing)	29.9 g
Weight per piece (excluding packing)	29.9 g
Customs tariff number	85176200
Country of origin	TW

# FL SFP SX2 - Media module



2702397

<https://www.phoenixcontact.com/us/products/2702397>

## Technical data

### Dimensions

Width	13.7 mm
Height	8.95 mm
Length	56.5 mm

### Notes

Note on application

Note on application	Only for industrial use
---------------------	-------------------------

### Material specifications

Housing material	Metal
------------------	-------

### Mounting

Mounting type	Insert in SFP slot
---------------	--------------------

### Interfaces

Ethernet FO

Connection method	LC
Transmission speed	1 Gbps
Transmit capacity, minimum	-15 dBm
Transmit capacity, maximum	-1 dBm
Minimum receiver sensitivity	-23 dBm
Maximum receiver sensitivity	-3 dBm
Transmission physics	multi-mode fiberglass
Transmission length	2 km (Fiberglass 50/125) 1 km (Fiberglass 62.5/125)
Wavelength	1310 nm
Signal LEDs	depending on the Factoryline device
No. of channels	1 (LC multi-mode)
Transmit capacity, minimum	-15 dBm
Transmit capacity, maximum	-1 dBm
Minimum receiver sensitivity	-3 dBm
Maximum receiver sensitivity	-23 dBm
Transmission physics	multi-mode fiberglass

### Product properties

Product type	SFP module
Type	Factoryline devices with SFP slot
MTTF	1862 Years (Telcordia SR-332, temperature factor at 40°C = 1, stress factor at 50% = 1, environmental factor = 1)
Format	SFP (Small Form-factor Pluggable)

# FL SFP SX2 - Media module



2702397

<https://www.phoenixcontact.com/us/products/2702397>

## Data management status

Article revision	00
------------------	----

## Signaling

Status display	via a Factoryline device
----------------	--------------------------

## Electrical properties

Current consumption	300 mA
Maximum power dissipation for nominal condition	1 W
Transmission medium	FO

## Supply

Supply voltage	3.3 V (via Factoryline switch)
Power supply connection	via SFP slot
Max. current consumption	300 mA
Current consumption	300 mA

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 75 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C (non-condensing)
Case temperature	max. 85 °C (Operation)

## Standards and regulations

Standard designation	Laser equipment safety
Standards/specifications	IEC 60825

# FL SFP SX2 - Media module



2702397

<https://www.phoenixcontact.com/us/products/2702397>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2702397>



**DNV GL**

Approval ID: TAA00000YV



**LR**

Approval ID: LR22250919TA



**NK**

Approval ID: TA24215M



**BV**

Approval ID: 48146\_B0 BV

**BSH**

Approval ID: Nr. 966



**RINA**

Approval ID: ELE014724XG001

**ABS**

Approval ID: 21\_2066186\_1\_PDA

# FL SFP SX2 - Media module



2702397

<https://www.phoenixcontact.com/us/products/2702397>

## Classifications

### ECLASS

ECLASS-11.0	19179090
ECLASS-12.0	19179090
ECLASS-13.0	19179090

### ETIM

ETIM 9.0	EC000310
----------	----------

### UNSPSC

UNSPSC 21.0	43222600
-------------	----------

# FL SFP SX2 - Media module



2702397

<https://www.phoenixcontact.com/us/products/2702397>

## 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](mailto:info@phoenixcon.com)