

Media module - FL SFP SX

2891754

<https://www.phoenixcontact.com/us/products/2891754>



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 1 km with a wavelength of 850 nm.

Product Description

SFP module with a data transmission speed of 1000 Mbps, a wavelength of 850 nm, and a maximum transmission length of 1 km.

Your advantages

- MSA compliant

Commercial Data

Item number	2891754
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	C23
Product Key	DNN1ZS
Catalog Page	Page 332 (C-6-2019)
GTIN	4046356166782
Weight per Piece (including packing)	28.8 g
Weight per Piece (excluding packing)	28.8 g
Customs tariff number	85176200
Country of origin	TW

Media module - FL SFP SX

2891754

<https://www.phoenixcontact.com/us/products/2891754>



Technical Data

Dimensions

Width	13.7 mm
Height	8.95 mm
Length	56.5 mm

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	-9 dBm
Transmit capacity, maximum	-4 dBm
Minimum receiver sensitivity	-17 dBm
Maximum receiver sensitivity	-3 dBm
Transmission physics	multi-mode fiberglass
Transmission length	275 m (Fiberglass, 62.5/125 µm (OM1))
	550 m (Fiberglass, 50/125 µm (OM2))
	1000 m (Fiberglass, 50/125 µm (OM3))
	1000 m (Fiberglass, 50/125 µm (OM4))
Wavelength	850 nm
Signal LEDs	depending on the Factoryline device
No. of channels	1 (LC multi-mode)

Product properties

Type	Factoryline devices with SFP slot
Product type	SFP module
MTTF	667 Years (Telcordia SR-332, temperature factor at 40°C = 1, stress factor at 50% = 1, environmental factor = 1)
Format	SFP (Small Form-factor Pluggable)

LED signaling

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

Electrical properties

Maximum power dissipation for nominal condition	0.8 W
Transmission medium	FO

Media module - FL SFP SX



2891754

<https://www.phoenixcontact.com/us/products/2891754>

Supply

Supply voltage	3.3 V (via Factoryline switch)
Power supply connection	via SFP slot
Max. current consumption	240 mA
Current consumption	240 mA

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 75 °C (non-condensing)
Ambient temperature (storage/transport)	-40 °C ... 85 °C (non-condensing)
Permissible humidity (operation)	30 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	30 % ... 95 % (non-condensing)
Vibration (operation)	in acc. with IEC 60068-2-6: 5g, 150 Hz
Air pressure (operation)	86 kPa ... 108 kPa (1500 m above sea level)
Air pressure (storage/transport)	66 kPa ... 108 kPa (3500 m above sea level)

Media module - FL SFP SX

2891754

<https://www.phoenixcontact.com/us/products/2891754>



Approvals



cUL Recognized
Approval ID: FILE E 140403



UL Recognized
Approval ID: FILE E 140403



DNV GL
Approval ID: TAA00000YV



LR
Approval ID: LR22250919TA



NK
Approval ID: TA19464M



BV
Approval ID: 48146/A1 BV



BSH
Approval ID: Nr. 966



RINA
Approval ID: ELE162721XG



ABS
Approval ID: 21-2066186-PDA

cULus Recognized

Media module - FL SFP SX

2891754

<https://www.phoenixcontact.com/us/products/2891754>



Classifications

ECLASS

ECLASS-9.0	19179290
ECLASS-10.0.1	19179290
ECLASS-11.0	19179090

ETIM

ETIM 8.0	EC000310
----------	----------

UNSPSC

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

Media module - FL SFP SX

2891754

<https://www.phoenixcontact.com/us/products/2891754>



Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Media module - FL SFP SX

2891754

<https://www.phoenixcontact.com/us/products/2891754>



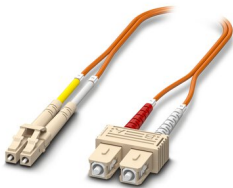
Accessories

FO patch cable

FO patch cable - FOC-LC:PA-SC:PA-OM2:D01/1 - 1115607

<https://www.phoenixcontact.com/us/products/1115607>

Multi-mode OM2 duplex jumper, LC-SC, UPC polishing, length 1 m

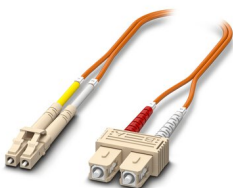


FO patch cable

FO patch cable - FOC-LC:PA-SC:PA-OM2:D01/2 - 1115605

<https://www.phoenixcontact.com/us/products/1115605>

Multi-mode OM2 duplex jumper, LC-SC, UPC polishing, length 2 m



Media module - FL SFP SX

2891754

<https://www.phoenixcontact.com/us/products/2891754>

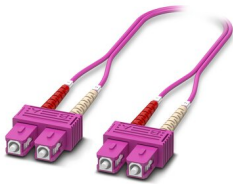


FO patch cable

FO patch cable - FOC-SC:PA-SC:PA-OM4:D01/2 - 1115423

<https://www.phoenixcontact.com/us/products/1115423>

Multi-mode OM4 duplex jumper, SC-SC, UPC polishing, length 2 m

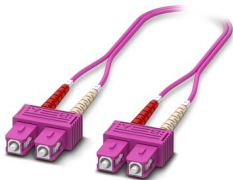


FO patch cable

FO patch cable - FOC-SC:PA-SC:PA-OM4:D01/1 - 1115424

<https://www.phoenixcontact.com/us/products/1115424>

Multi-mode OM4 duplex jumper, SC-SC, UPC polishing, length 1 m



Media module - FL SFP SX

2891754

<https://www.phoenixcontact.com/us/products/2891754>

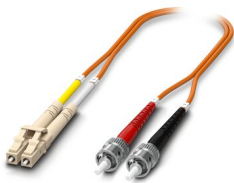


Fiber optic cable

Fiber optic cable - FOC-LC:PA-ST:PA-OM2:D01/2 - 1115587

<https://www.phoenixcontact.com/us/products/1115587>

Multi-mode OM2 duplex jumper, LC-ST, UPC polishing, length 2 m

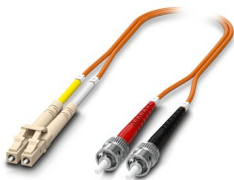


Fiber optic cable

Fiber optic cable - FOC-LC:PA-ST:PA-OM2:D01/1 - 1115588

<https://www.phoenixcontact.com/us/products/1115588>

Multi-mode OM2 duplex jumper, LC-ST, UPC polishing, length 1 m



Media module - FL SFP SX

2891754

<https://www.phoenixcontact.com/us/products/2891754>

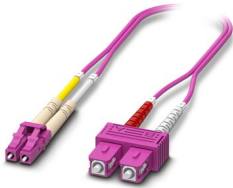


FO patch cable

FO patch cable - FOC-LC:PA-SC:PA-OM4:D01/2 - 1115600

<https://www.phoenixcontact.com/us/products/1115600>

Multi-mode OM4 duplex jumper, LC-SC, UPC polishing, length 2 m

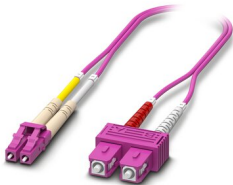


FO patch cable

FO patch cable - FOC-LC:PA-SC:PA-OM4:D01/1 - 1115601

<https://www.phoenixcontact.com/us/products/1115601>

Multi-mode OM4 duplex jumper, LC-SC, UPC polishing, length 1 m



Media module - FL SFP SX

2891754

<https://www.phoenixcontact.com/us/products/2891754>

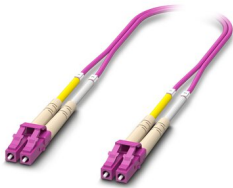


FO patch cable

FO patch cable - FOC-LC:PA-LC:PA-OM4:D01/2 - 1115624

<https://www.phoenixcontact.com/us/products/1115624>

Multi-mode OM4 duplex jumper, LC-LC, UPC polishing, length 2 m

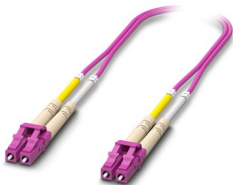


FO patch cable

FO patch cable - FOC-LC:PA-LC:PA-OM4:D01/1 - 1115625

<https://www.phoenixcontact.com/us/products/1115625>

Multi-mode OM4 duplex jumper, LC-LC, UPC polishing, length 1 m



Media module - FL SFP SX

2891754

<https://www.phoenixcontact.com/us/products/2891754>

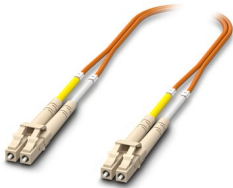


FO patch cable

FO patch cable - FOC-LC:PA-LC:PA-OM2:D01/1 - 1115633

<https://www.phoenixcontact.com/us/products/1115633>

Multi-mode OM2 duplex jumper, LC-LC, UPC polishing, length 1 m

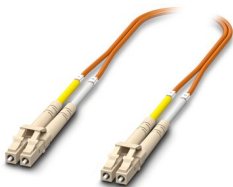


FO patch cable

FO patch cable - FOC-LC:PA-LC:PA-OM2:D01/2 - 1115634

<https://www.phoenixcontact.com/us/products/1115634>

Multi-mode OM2 duplex jumper, LC-LC, UPC polishing, length 2 m



Phoenix Contact 2022 © - 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