

## Media module - FL SFP LH - 2989912

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Gigabit SFP module for transmission up to 80 km with a wavelength of 1,550 nm.

### Product Description

SFP module with a data transmission speed of 1000 Mbps, a wavelength of 1550 nm, and a maximum transmission length of 80 km.



### Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	39.8 g
Custom tariff number	85176200
Country of origin	China

### Technical data

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °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)
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)

#### Interfaces

Interface 1	Ethernet FO
No. of ports	1 (LC single mode)
Connection method	LC
Transmission physics	Single-mode fiberglass
Transmission speed	1 GBit/s
Transmission length	80 km (Fiberglass 9/125)

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## Technical data

### Interfaces

	60 km
Wavelength	1550 nm
Signal LEDs	depending on the Factoryline device
Transmit capacity, minimum	-5 dBm
Transmit capacity, maximum	5 dBm

### Function

Basic functions	SFP module as FO port
Status and diagnostic indicators	via a Factoryline device

### Supply voltage

Supply voltage	3.3 V (via Factoryline switch)
Max. current consumption	300 mA
Current consumption	300 mA

### General

Mounting type	Insert in SFP slot
Type AX	Factoryline devices with SFP slot
Net weight	39.8 g
Housing material	Metal

### Standards and Regulations

Vibration (storage/transport)	5g, 150 Hz, in acc. with IEC 60068-2-6
Connection in acc. with standard	CUL
Vibration (operation)	In acc. with IEC 60068-2-6: 5g, 150 Hz

## Classifications

### eCl@ss

eCl@ss 4.0	27250501
eCl@ss 4.1	27250501
eCl@ss 5.0	27250501
eCl@ss 5.1	27250501
eCl@ss 6.0	19170106
eCl@ss 7.0	19170106
eCl@ss 8.0	27149249

### ETIM

ETIM 2.0	EC000734
ETIM 3.0	EC000734

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## Classifications

### ETIM

ETIM 4.0	EC000734
ETIM 5.0	EC002609

### UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201410
UNSPSC 13.2	43201410

## Approvals

### Approvals

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#### Approvals

UL Recognized / cUL Recognized / UL Recognized / cUL Recognized / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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## Approval details

UL Recognized 
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cUL Recognized 
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UL Recognized
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cUL Recognized
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## Media module - FL SFP LH - 2989912

### Approvals

cULus Recognized 

### Accessories

#### Accessories

#### Data cable preassembled

##### FO patch cable - FL SM PATCH 1,0 LC-LC - 2989187



Assembled fiber optic cable, break-out cable, fiberglass single mode 9/125  $\mu\text{m}$  (OS2, Low Water Peak Fiber), connector: LC/LC, degree of protection: IP20, for installation in cable ducts or control cabinets, length: 1 m

##### FO patch cable - FL SM PATCH 2,0 LC-LC - 2989284



Assembled fiber optic cable, break-out cable, fiberglass single mode 9/125  $\mu\text{m}$  (OS2, Low Water Peak Fiber), connector: LC/LC, degree of protection: IP20, for installation in cable ducts or control cabinets, length: 2 m

##### FO patch cable - FL SM PATCH 5,0 LC-LC - 2901826



Assembled fiber optic cable, break-out cable, fiberglass single mode 9/125  $\mu\text{m}$  (OS2, Low Water Peak Fiber), connector: LC/LC, degree of protection: IP20, for installation in cable ducts or control cabinets, length: 5 m

##### FO patch cable - FL SM PATCH 1,0 LC-SC - 2989190



Assembled fiber optic cable, break-out cable, fiberglass single mode 9/125  $\mu\text{m}$  (OS2, Low Water Peak Fiber) connector: LC/SC duplex, degree of protection: IP20, for installation in cable ducts or control cabinets, length: 1 m

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### Accessories

#### FO patch cable - FL SM PATCH 2,0 LC-SC - 2989297



Assembled fiber optic cable, break-out cable, fiberglass single mode 9/125 µm (OS2, Low Water Peak Fiber) connector: LC/SC duplex, degree of protection: IP20, for installation in cable ducts or control cabinets, length: 2 m

#### FO patch cable - FL SM PATCH 5,0 LC-SC - 2901827



Assembled fiber optic cable, break-out cable, fiberglass single mode 9/125 µm (OS2, Low Water Peak Fiber) connector: LC/SC duplex, degree of protection: IP20, for installation in cable ducts or control cabinets, length: 5 m

#### FO patch cable - FL SM PATCH 1,0 LC-ST - 2989242



Assembled fiber optic cable, break-out cable, fiberglass single mode 9/125 µm (OS2, Low Water Peak Fiber), connector: LC/B-FOC(ST®), degree of protection: IP20, for installation in cable ducts or control cabinets, length: 1 m

#### FO patch cable - FL SM PATCH 2,0 LC-ST - 2989349



Assembled fiber optic cable, break-out cable, fiberglass single mode 9/125 µm (OS2, Low Water Peak Fiber), connector: LC/B-FOC(ST®), degree of protection: IP20, for installation in cable ducts or control cabinets, length: 2 m

#### FO patch cable - FL SM PATCH 5,0 LC-ST - 2901828



Assembled fiber optic cable, break-out cable, fiberglass single mode 9/125 µm (OS2, Low Water Peak Fiber), connector: LC/B-FOC(ST®), degree of protection: IP20, for installation in cable ducts or control cabinets, length: 5 m



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