

FL SFP LX10-B - Media module



1025401

<https://www.phoenixcontact.com/us/products/1025401>

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Gigabit SFP module for transmission up to 10 km with a wavelength of 1310 nm.



Product description

SFP module with a data transmission speed of 1000 Mbps at a wavelength of 1310 nm, and a maximum transmission length of 10 km.

Your advantages

- MSA compliant

Commercial data

| | |
|--------------------------------------|---------------------|
| Item number | 1025401 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | DN22 |
| Product key | DNN1ZS |
| Catalog page | Page 333 (C-6-2019) |
| GTIN | 4055626517148 |
| Weight per piece (including packing) | 29.8 g |
| Weight per piece (excluding packing) | 29.8 g |
| Customs tariff number | 85176200 |
| Country of origin | TW |

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Technical data

Dimensions

| | |
|--------|---------|
| Width | 13.7 mm |
| Height | 8.95 mm |
| Length | 56.5 mm |

Mounting

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

Interfaces

Ethernet FO

| | |
|------------------------------|-------------------------------------|
| Connection method | LC |
| Transmission speed | 1 Gbps |
| Transmit capacity, minimum | -9.5 dBm |
| Transmit capacity, maximum | -3 dBm |
| Minimum receiver sensitivity | -21 dBm |
| Maximum receiver sensitivity | -3 dBm |
| Transmission physics | Single-mode fiberglass |
| Transmission length | 10 km (Fiberglass 9/125) |
| Wavelength | 1310 nm |
| Signal LEDs | depending on the Factoryline device |
| No. of channels | 1 (LC single mode) |

Product properties

| | |
|--------------|-----------------------------------|
| Type | Factoryline devices with SFP slot |
| Product type | SFP module |
| Format | SFP (Small Form-factor Pluggable) |

Signaling

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

Electrical properties

| | |
|---------------------|----|
| Transmission medium | FO |
|---------------------|----|

Environmental and real-life conditions

Ambient conditions

| | |
|--|-----------------------------------|
| Degree of protection | IP20 |
| Ambient temperature (operation) | 0 °C ... 70 °C (non-condensing) |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C (non-condensing) |
| Case temperature | max. 70 °C (Operation) |
| Permissible humidity (operation) | 30 % ... 95 % (non-condensing) |
| Permissible humidity (storage/transport) | 30 % ... 95 % (non-condensing) |

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| | |
|----------------------------------|---|
| 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) |

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Classifications

ECLASS

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

ETIM

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

UNSPSC

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

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Environmental product compliance

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

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Accessories

FOC-LC:PA-ST:PA-OS2:D01/1 - FO patch cable

1115596

<https://www.phoenixcontact.com/us/products/1115596>

Single-mode OS2 duplex jumper, LC-ST, UPC polishing, length 1 m



FOC-LC:PA-ST:PA-OS2:D01/2 - FO patch cable

1115595

<https://www.phoenixcontact.com/us/products/1115595>

Single-mode OS2 duplex jumper, LC-ST, UPC polishing, length 2 m



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FOC-LC:PA-LC:PA-OS2:D01/1 - FO patch cable

1115636

<https://www.phoenixcontact.com/us/products/1115636>

Single-mode OS2 duplex jumper, LC-LC, UPC polishing, length 1 m



FOC-LC:PA-LC:PA-OS2:D01/2 - FO patch cable

1115629

<https://www.phoenixcontact.com/us/products/1115629>

Single-mode OS2 duplex jumper, LC-LC, UPC polishing, length 2 m



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FOC-LC:PA-SC:PA-OS2:D01/1 - FO patch cable

1115618

<https://www.phoenixcontact.com/us/products/1115618>

Single-mode OS2 duplex jumper, LC-SC, UPC polishing, length 1 m



FOC-LC:PA-SC:PA-OS2:D01/2 - FO patch cable

1115617

<https://www.phoenixcontact.com/us/products/1115617>

Single-mode OS2 duplex jumper, LC-SC, UPC polishing, length 2 m



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