

FL SFP WDM10-SET - Media module

2702442

<https://www.phoenixcontact.com/us/products/2702442>

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Gigabit SFP WDM set for transmission up to a maximum of 10 km on a single fiber with a wavelength of 1310/1550 nm.



Product description

SFP WDM module set with a data transmission speed of 1000 Mbps, a wavelength of 1310/1550 nm, and a maximum transmission length of 10 km.

Your advantages

- MSA compliant

Commercial data

| | |
|--------------------------------------|---------------------|
| Item number | 2702442 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | DN22 |
| Product key | DNN1ZS |
| Catalog page | Page 333 (C-6-2019) |
| GTIN | 4055626208299 |
| Weight per piece (including packing) | 64.3 g |
| Weight per piece (excluding packing) | 64.3 g |
| Customs tariff number | 85176200 |
| Country of origin | TW |

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Set consists of

FL SFP WDM10-A - Media module

2702440

<https://www.phoenixcontact.com/us/products/2702440>



Gigabit SFP WDM module for transmission up to a maximum of 10 km on a single fiber with a wavelength of 1310/1550 nm.

FL SFP WDM10-B - Media module

2702441

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Gigabit SFP WDM module for transmission up to a maximum of 10 km on a single fiber with a wavelength of 1550/1310 nm.

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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 |
| Transmission physics | Single-mode fiberglass |
| Transmission length | 10 km (Fiberglass 9/125) |
| Wavelength | 1310 nm / 1550 nm (TX) 1550 nm / 1310 nm (RX) |
| Signal LEDs | depending on the Factoryline device |
| No. of channels | 1 (LC single mode) |
| Transmit capacity, minimum | -9 dBm |
| Transmit capacity, maximum | -3 dBm |
| Minimum receiver sensitivity | 0 dBm |
| Maximum receiver sensitivity | -21 dBm |

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

| | |
|---|-----|
| 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 |

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| | |
|---------------------|--------|
| 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 |

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2702442>



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

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Classifications

ECLASS

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

ETIM

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| ETIM 8.0 | EC000310 |
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UNSPSC

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|-------------|----------|
| 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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