

FL SFP WDM10-A - Media module



2702440

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

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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 1310/1550 nm.

Product description

SFP WDM module 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 | 2702440 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | DN22 |
| Product key | DNN1ZS |
| GTIN | 4055626193854 |
| Weight per piece (including packing) | 36.3 g |
| Weight per piece (excluding packing) | 33 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 |

Notes

Note on application

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

Material specifications

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

Mounting

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

Product properties

| | |
|--------------|--|
| Product type | SFP module |
| Type | Factoryline devices with SFP slot |
| MTTF | 124 Years (Telcordia SR-332, temperature factor at 40°C = 1, stress factor at 50% = 1, environmental factor = 1) |
| Format | SFP (Small Form-factor Pluggable) |

Signaling

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

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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 |

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Approvals

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DNV GL

Approval ID: TAA00000YV



LR

Approval ID: LR22250919TA



NK

Approval ID: TA24215M



BV

Approval ID: 48146_B1 BV

BSH

Approval ID: Nr. 966



RINA

Approval ID: ELE014724XG001

ABS

Approval ID: 21_2066186_1_PDA



cULus Recognized

Approval ID: E140403

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Classifications

ECLASS

ECLASS-13.0

19179090

ETIM

ETIM 9.0

EC000310

UNSPSC

UNSPSC 21.0

43222600

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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% |
|-------------------------------------|----------------------------|

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