# FL SFP FE WDM20-A - Media module

2702437

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Fast Ethernet SFP WDM module for transmission up to a maximum of 20 km on a single fiber with a wavelength of 1310/1550 nm.

## Product description

SFP WDM module with a data transmission speed of 100 Mbps, a wavelength of 1310/1550 nm, and a maximum transmission length of 20 km.

## Your advantages

- MSA compliant

## Commercial data

| | |
|---|---|
| Item number | 2702437 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | DN22 |
| Product key | DNN1ZS |
| GTIN | 4055626189031 |
| Weight per piece (including packing) | 33 g |
| Weight per piece (excluding packing) | 33 g |
| Customs tariff number | 85176200 |
| Country of origin | TW |

## 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 | 100 Mbps |
| Transmit capacity, minimum | -14 dBm |
| Transmit capacity, maximum | -8 dBm |
| Minimum receiver sensitivity | -32 dBm |
| Maximum receiver sensitivity | -3 dBm |
| Transmission physics | Single-mode fiberglass |
| Transmission length | 20 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 | 201 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 |

## 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 |

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 19179090 |

### ETIM

| | |
|---|---|
| ETIM 9.0 | EC000310 |

### UNSPSC

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

## 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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