

# FL SFP FE WDM20-SET - Media module



2702439

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Fast Ethernet SFP WDM set 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 set 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	2702439
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN22
Product key	DNN1ZS
GTIN	4055626189154
Weight per piece (including packing)	65 g
Weight per piece (excluding packing)	65 g
Customs tariff number	85176200
Country of origin	TW

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## Set consists of

### 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.

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### FL SFP FE WDM20-B - Media module

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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 1550/1310 nm.

## 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
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### Material specifications

Housing material	Metal
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### Mounting

Mounting type	Plug-in mounting
Mounting type	Insert in SFP slot

### Interfaces

#### Ethernet FO

Connection method	LC
Transmission speed	100 Mbps
Transmission physics	Single-mode fiberglass
Transmission length	20 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)

### Product properties

Product type	SFP module
Type	Factoryline devices with SFP slot
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)
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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

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2702439>



**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

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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
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### 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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