

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

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	Insert in SFP slot
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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

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

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Transmission medium	FO
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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_B0 BV

BSH

Approval ID: Nr. 966



RINA

Approval ID: ELE014724XG001

ABS

Approval ID: 21_2066186_1_PDA

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Classifications

ECLASS

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

ETIM

ETIM 9.0	EC000310
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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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