

FL SFP WDM10-SET - Media module



2702442

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

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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
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

FL SFP WDM10-SET - Media module



2702442

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

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

<https://www.phoenixcontact.com/us/products/2702441>



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

FL SFP WDM10-SET - Media module



2702442

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

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
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)
Basic functions	SFP module as FO port

Signaling

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

Electrical properties

FL SFP WDM10-SET - Media module



2702442

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

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

FL SFP WDM10-SET - Media module



2702442

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

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: TA24215M



BV

Approval ID: 48146_B1 BV

BSH

Approval ID: Nr. 966



RINA

Approval ID: ELE014724XG001

ABS

Approval ID: 21_2066186_1_PDA

FL SFP WDM10-SET - Media module



2702442

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

Classifications

ECLASS

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

ETIM

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

UNSPSC

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

FL SFP WDM10-SET - Media module



2702442

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

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%

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com