

FL SFP WDM10-A - Media module

2702440

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

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 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
Catalog page	Page 333 (C-6-2019)
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

FL SFP WDM10-A - Media module



2702440

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

Technical data

Dimensions

Width	13.7 mm
Height	8.95 mm
Length	56.5 mm

Material specifications

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

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

Type	Factoryline devices with SFP slot
Product type	SFP module
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
----------------	--------------------------

Electrical properties

Maximum power dissipation for nominal condition	1 W
Transmission medium	FO

Supply

Supply voltage	3.3 V (via Factoryline switch)
----------------	--------------------------------

FL SFP WDM10-A - Media module



2702440

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

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

Standards/specifications	IEC 60825
--------------------------	-----------

FL SFP WDM10-A - Media module



2702440

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

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2702440>



DNV GL

Approval ID: TAA00000YV



LR

Approval ID: LR22250919TA



NK

Approval ID: TA19464M



BV

Approval ID: 48146/A1 BV

BSH

Approval ID: Nr. 966



RINA

Approval ID: ELE162721XG

ABS

Approval ID: 21-2066186-PDA

FL SFP WDM10-A - Media module



2702440

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

Classifications

ECLASS

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

ETIM

ETIM 8.0	EC000310
----------	----------

UNSPSC

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

FL SFP WDM10-A - Media module



2702440

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

Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e No hazardous substances above threshold values
------------	---

Phoenix Contact 2023 © - 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