

FL SFP SX2 - Media module



2702397

Electrical number: 6401915

<https://www.phoenixcontact.com/no/products/2702397>

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Gigabit SFP module for transmission up to 2 km with a wavelength of 1310 nm.

Product description

SFP module with a data transmission speed of 1000 Mbps, a wavelength of 1310 nm, and a maximum transmission length of 2 km.

Your advantages

- MSA compliant

Commercial data

Item number	2702397
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	31NDN1
Product key	DNN1ZS
Catalog page	Page 332 (C-6-2019)
GTIN	4055626163161
Weight per piece (including packing)	29.9 g
Weight per piece (excluding packing)	29.9 g
Customs tariff number	85176200
Country of origin	TW

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Technical data

Dimensions

Width	13.7 mm
Height	8.95 mm
Length	56.5 mm

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
Transmit capacity, minimum	-15 dBm
Transmit capacity, maximum	-1 dBm
Minimum receiver sensitivity	-23 dBm
Maximum receiver sensitivity	-3 dBm
Transmission physics	multi-mode fiberglass
Transmission length	2 km (Fiberglass 50/125)
	1 km (Fiberglass 62.5/125)
Wavelength	1310 nm
Signal LEDs	depending on the Factoryline device
No. of channels	1 (LC multi-mode)
Transmit capacity, minimum	-15 dBm
Transmit capacity, maximum	-1 dBm
Minimum receiver sensitivity	-3 dBm
Maximum receiver sensitivity	-23 dBm
Transmission physics	multi-mode fiberglass

Product properties

Type	Factoryline devices with SFP slot
Product type	SFP module
MTTF	1862 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
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Electrical properties

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

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Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/no/products/2702397>



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

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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

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

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