FL SFP FE WDM20-B - Media module

2702438

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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.

Product description

SFP WDM module 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	2702438
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN22
Product key	DNN1ZS
GTIN	4055626189147
Weight per piece (including packing)	36.3 g
Weight per piece (excluding packing)	33 g
Customs tariff number	85176200
Country of origin	TW

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	100 Mbps
Transmit capacity, minimum	-14 dBm
Transmit capacity, maximum	-8 dBm
Minimum receiver sensitivity	-32 dBm
Maximum receiver sensitivity	-3 dBm
Transmission physics	Single-mode fiberglass
Transmission length	20 km (Fiberglass 9/125)
Wavelength	1550 nm (TX)
	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
MTTF	221 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

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

Classifications

ECLASS

ECLASS-13.0	19179090

ETIM

ETIM 9.0	EC000310

UNSPSC

UNSPSC 21.0	43222600

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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