

Media module - FL SFP SX - 2891754

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Gigabit SFP module for transmission up to 1 km with a wavelength of 850 nm.

The figure shows a version of the product

Product Description

SFP module with a data transmission speed of 1000 Mbps, a wavelength of 850 nm, and a maximum transmission length of 1 km.

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 166782
GTIN	4046356166782
Weight per Piece (excluding packing)	27.600 g
Custom tariff number	85176200
Country of origin	Taiwan

Technical data

Dimensions

Width	13.7 mm
Height	8.95 mm
Length	56.5 mm

Ambient conditions

Ambient temperature (operation)	-40 °C ... 75 °C (non-condensing)
Ambient temperature (storage/transport)	-40 °C ... 85 °C (non-condensing)
Permissible humidity (operation)	30 % ... 95 % (non-condensing)

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Technical data

Ambient conditions

Permissible humidity (storage/transport)	30 % ... 95 % (non-condensing)
Air pressure (operation)	86 kPa ... 108 kPa (1500 m above sea level)
Air pressure (storage/transport)	66 kPa ... 108 kPa (3500 m above sea level)

Interfaces

Interface	Ethernet FO
No. of ports	1 (LC multi-mode)
Transmission physics	multi-mode fiberglass
Transmission speed	1 Gbps
Transmission length	275 m (Fiberglass, 62.5/125 µm (OM1))
	550 m (Fiberglass, 50/125 µm (OM2))
	1000 m (Fiberglass, 50/125 µm (OM3))
	1000 m (Fiberglass, 50/125 µm (OM4))
Wavelength	850 nm
Signal LEDs	depending on the Factoryline device

Function

Basic functions	SFP module as FO port
Status and diagnostic indicators	via a Factoryline device

Supply voltage

Supply voltage	3.3 V (via Factoryline switch)
Max. current consumption	240 mA
Current consumption	240 mA

General

Mounting type	Insert in SFP slot
Type AX	Factoryline devices with SFP slot
Net weight	28.7 g
Housing material	Metal
MTTF	667 Years (Telcordia SR-332, temperature factor at 40°C = 1, stress factor at 50% = 1, environmental factor = 1)

Standards and Regulations

Vibration (storage/transport)	5g, 150 Hz, in acc. with IEC 60068-2-6
Connection in acc. with standard	CUL
Vibration (operation)	in acc. with IEC 60068-2-6: 5g, 150 Hz

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Classifications

eCl@ss

eCl@ss 10.0.1	19179290
eCl@ss 4.0	27250500
eCl@ss 4.1	27250500
eCl@ss 5.0	19030100
eCl@ss 5.1	19030100
eCl@ss 6.0	19170100
eCl@ss 7.0	19170106
eCl@ss 8.0	27149249
eCl@ss 9.0	19179290

ETIM

ETIM 2.0	EC000734
ETIM 3.0	EC000734
ETIM 4.0	EC000734
ETIM 5.0	EC002609
ETIM 6.0	EC000310
ETIM 7.0	EC000310

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201410
UNSPSC 13.2	26121650
UNSPSC 18.0	43222604
UNSPSC 19.0	43222604
UNSPSC 20.0	43222604
UNSPSC 21.0	43222604

Approvals

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DNV GL / LR / BSH / RINA / UL Recognized / cUL Recognized / ABS / NK / BV / cULus Recognized

Ex Approvals

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Approvals

Approval details

DNV GL		https://approvalfinder.dnvgl.com/	TAA00000YV
LR		http://www.lr.org/en	17/20056
BSH			Nr. 966
RINA		http://www.rina.org/en	ELE130419XG
UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 140403
cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 140403
ABS		http://www.eagle.org/eagleExternalPortalWEB/	17- HG1592765-1-PDA
NK		http://www.classnk.or.jp/hp/en/	TA19464M
BV		http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials	48146/A1 BV
cULus Recognized			

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Accessories

Accessories

Data cable preassembled

FO patch cable - FOC-LC:PA-SC:PA-OM2:D01/1 - 1115607



FO patch cable - FOC-LC:PA-SC:PA-OM2:D01/2 - 1115605



FO patch cable - FOC-SC:PA-SC:PA-OM4:D01/2 - 1115423



Multi-mode OM4 duplex jumper, SC-SC, UPC polishing, length 2 m

FO patch cable - FOC-SC:PA-SC:PA-OM4:D01/1 - 1115424



Multi-mode OM4 duplex jumper, SC-SC, UPC polishing, length 1 m

Fiber optic cable - FOC-LC:PA-ST:PA-OM2:D01/2 - 1115587



Multi-mode OM2 duplex jumper, LC-ST, UPC polishing, length 2 m

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Accessories

Fiber optic cable - FOC-LC:PA-ST:PA-OM2:D01/1 - 1115588



Multi-mode OM2 duplex jumper, LC-ST, UPC polishing, length 1 m

FO patch cable - FOC-LC:PA-SC:PA-OM4:D01/2 - 1115600



Multi-mode OM4 duplex jumper, LC-SC, UPC polishing, length 2 m

FO patch cable - FOC-LC:PA-SC:PA-OM4:D01/1 - 1115601



Multi-mode OM4 duplex jumper, LC-SC, UPC polishing, length 1 m

FO patch cable - FOC-LC:PA-LC:PA-OM4:D01/2 - 1115624



Multi-mode OM4 duplex jumper, LC-LC, UPC polishing, length 2 m

FO patch cable - FOC-LC:PA-LC:PA-OM4:D01/1 - 1115625



Multi-mode OM4 duplex jumper, LC-LC, UPC polishing, length 1 m

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Accessories

FO patch cable - FOC-LC:PA-LC:PA-OM2:D01/1 - 1115633



Multi-mode OM2 duplex jumper, LC-LC, UPC polishing, length 1 m

FO patch cable - FOC-LC:PA-LC:PA-OM2:D01/2 - 1115634



Multi-mode OM2 duplex jumper, LC-LC, UPC polishing, length 2 m
