


## FL SFP LH

Order No.: 2989912



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2989912>

Smallform-Factor-Pluggable module is a pluggable input/output module for FO and is used in Gigabit Ethernet. Longhaul communication network

Commercial data	
GTIN (EAN)	 4 046356 299749
Note	Made-to-order
sales group	K000
Pack	1 pcs.
Customs tariff	85176200
Catalog page information	Page 103 (AX-2011)

### Product notes

WEEE/RoHS-compliant since:  
11/12/2007



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Technical data	
<b>Interfaces</b>	
Interface 1	Ethernet FO
No. of ports	1
Connection method	1 LC socket at the SFP module, 1000 Mbps
Transmission physics	Single mode glass fiber

Transmission speed	1 GBit/s
Transmission length	80 km (Glass fiber 9/125)
Wavelength	1550 nm
Signal LEDs	depending on the Factoryline device

**Function**

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

**General data**

Mounting type	Insert in SFP slot
Type AX	Factoryline devices with SFP slot
Ambient temperature (operation)	-40 °C ... 85 °C (no condensation)
Ambient temperature (storage/transport)	-40 °C ... 85 °C (no condensation)
Permissible humidity (operation)	30 % ... 95 % (no condensation)
Permissible humidity (storage/transport)	30 % ... 95 % (no condensation)
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)

**Certificates / Approvals**



Certification CUL, UL

**Accessories**

Item	Designation	Description
<b>Cable/conductor</b>		
2989187	FL SM PATCH 1,0 LC-LC	Assembled fiber optic cable, break-out cable, glass fiber single mode 9/125 µm, connector: LC/LC, degree of protection: IP20, for installation in cable ducts or control cabinets, length: 1 meter
2989190	FL SM PATCH 1,0 LC-SC	Assembled fiber optic cable, break-out cable, glass fiber single mode 9/125 µm, connector: LC/SC duplex, degree of protection: IP20, for installation in cable ducts or control cabinets, length: 1 meter

2989242	FL SM PATCH 1,0 LC-ST	Assembled fiber optic cable, break-out cable, glass fiber single mode 9/125 µm, connector: LC/B-FOC (ST), degree of protection: IP20, for installation in cable ducts or control cabinets, length: 1 meter
2989284	FL SM PATCH 2,0 LC-LC	Assembled fiber optic cable, break-out cable, glass fiber single mode 9/125 µm, connector: LC/LC, degree of protection: IP20, for installation in cable ducts or control cabinets, length: 2 meters
2989297	FL SM PATCH 2,0 LC-SC	Assembled fiber optic cable, break-out cable, glass fiber single mode 9/125 µm, connector: LC/SC duplex, degree of protection: IP20, for installation in cable ducts or control cabinets, length: 2 meters
2989349	FL SM PATCH 2,0 LC-ST	Assembled fiber optic cable, break-out cable, glass fiber single mode 9/125 µm, connector: LC/B-FOC (ST), degree of protection: IP20, for installation in cable ducts or control cabinets, length: 2 meters
2901826	FL SM PATCH 5,0 LC-LC	Assembled FO cable, break out cable, single-mode glass fiber 9/125 µm, connector: LC / LC, protection type: IP20, for installation in cable ducts or control cabinets, length: 5 meters
2901827	FL SM PATCH 5,0 LC-SC	Assembled FO cable, break out cable, single-mode glass fiber 9/125 µm, connector: LC / SC Duplex, protection type: IP20, for installation in cable ducts or control cabinets, length: 5 meters
2901828	FL SM PATCH 5,0 LC-ST	Assembled FO cable, break out cable, single-mode glass fiber 9/125 µm, connector: LC / B-FOC (ST), protection type: IP20, for installation in cable ducts or control cabinets, length: 5 meters

**Address**

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