



SFP Transceiver 1 GbE, 2 fibers (LC/PC) MM

SFP (Smart Form-Factor Pluggable) transceiver module 1 GbE with Duplex LC/PC connector. It offers the possibility to extend the network up to 550 m through multi-mode (MM) dual fiber.

This high performance transceiver can be connected to an SFP input of a network device to allow its access to an Ethernet signal through optical fiber.

The center wavelength used by this device is 850 nm.

Ref.	769150
Logical ref.	SFPGPONMM
EAN13	8424450279373

Packaging info

Box	1 pcs.
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Physical data

Net weight	18.00 g
Gross volume	0.07 dm ³
Gross weight	24.00 g
Width	13.00 mm
Height	10.00 mm
Depth	57.00 mm
Main product weight	18.00 g

Highlights

- Real-time parameter monitoring thanks to DDM/DOM compatibility
- 2 multi-mode fibers (MM)
- Operating data rate of 1250 Mbps
- Duplex LC/PC connector
- Up to 550 m transmission distance
- Center wavelength of 850 nm

Discover

What is a SFP?

The Small Form-Factor Pluggable (SFP) devices are adapters that generate an interface to allow access to an Ethernet signal through Optical Fiber. These devices can be connected to the inputs of different Ethernet and GPON equipment, allowing the transmission/reception of the information by connecting to single-mode or multi-mode fiber or Ethernet cables.

Among the advantages of using SFP modules, we can highlight the reduction of space, lower energy consumption, or the increase of transmission distances.

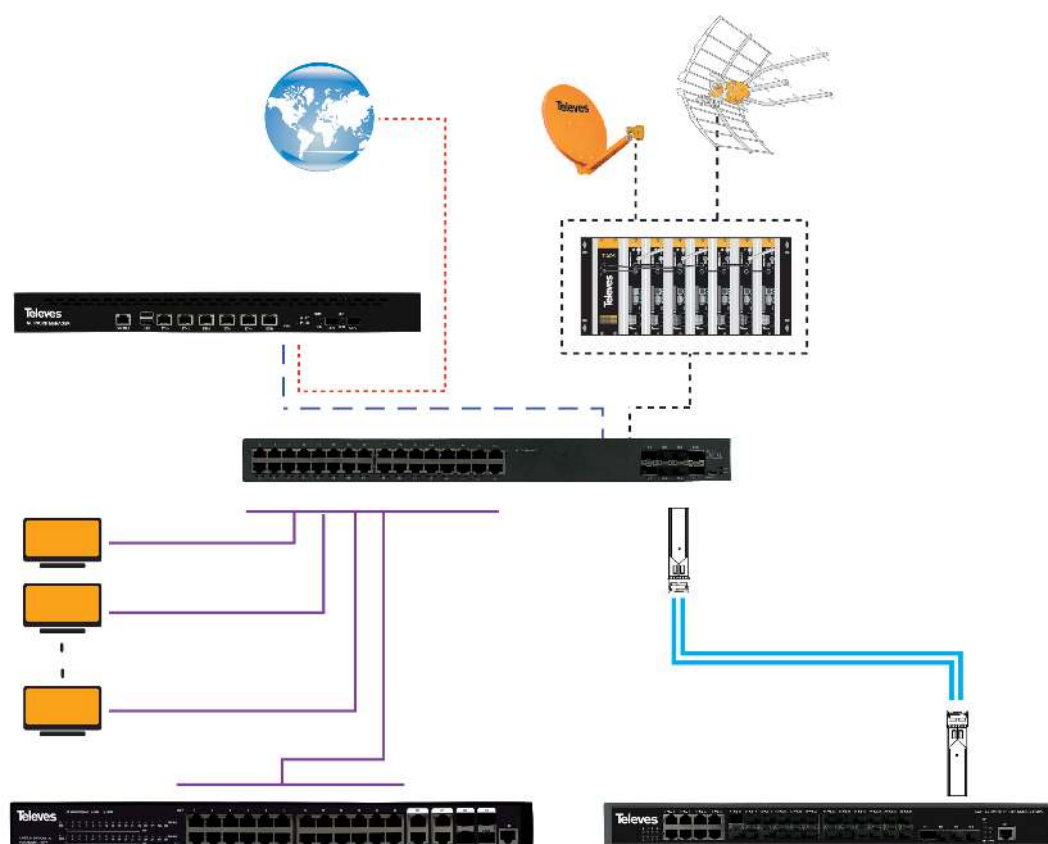
Which SFP do I need?

Based on the devices to which they are connected, the transmission speed, or the type of cable used, several options are available in the whole range of media converters. The compatibility between the SFPs and the different Ethernet and GPON equipment is described below.

	1GbE Transceivers			1/10GbE Transceiver	10GbE Transceivers		1GbE RJ45 Transceiver	ONU	GPON Transceivers	
	769150	769210	769212	291221	769214	769412	769411	769520	769410/13	769414/15
SFP Switches (768115, 768116, 768150, 769140, 769141, 769144, 769147, 769152)	OK	OK	OK	OK	-	-	-	OK	-	-
SFP+ Switches (769145, 769146, 769148, 769149, 769151, 769152, 769153)	OK	OK	OK	OK	OK	OK	-	OK	-	-
SFP+ Routers (769115, 769122)	OK	OK	OK	OK	OK	-	-	-	-	-
OLT512EVO (769403)	OK	-	OK	OK	OK	OK	OK	-	OK	OK

OLT3072 (769420, 769421, 769422)	-	-	OK	OK	-	OK	OK	-	OK	-
Media Converter (769215)	OK	OK	OK	OK	-	-	-	-	-	-
WaveData (769002)	OK	OK	OK	OK	-	-	-	-	-	-

Application example



Technical specifications : Ref. 769150

Transceiver type		SFP
Fiber type		Multi-mode (MM)
Transmitter type		VCSEL
Transmitter wavelength	nm	850
Transmitter output power	dBm	-9.5 ... -3
Optical receiving device		InGaAs PIN photodiode
Receiver wavelength	nm	840 ... 860
Optical receiver sensitivity	dBm	-17
Receiver overload	dBm	-3
Data rate	Mbps	1250
Transmission distance	km	< 0.55
Powering	Vdc	3.3
Max. power consumption	W	2
Operating temperature	°F	32 ... 158