



SFP+ Transceiver 1000 Base-LX, 2 fibers (LC) SM, 10GbE

SFP+ (Small Form-Factor Pluggable) transceiver module for OLT512EVO and Ethernet Switches, with LC/UPC Duplex connector that offers the possibility to extend the network up to 10 km through single-mode (SM) fiber.

This high performance transceiver can be connected to a SFP+ port on a compatible device to allow access to an Ethernet signal through optical fiber.

Designed for Gigabit Ethernet applications, as well as switch to switch interface connections, router or server interfaces, and other optical transmission applications.

Ref.	769214
Logical ref.	EKASFPPLUS2F
EAN13	8424450251089

Packaging info

Box	1 pcs.
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Physical data

Net weight	18.00 g
Gross weight	30.00 g
Width	13.00 mm
Height	12.00 mm
Depth	65.00 mm
Main product weight	18.00 g

Highlights

- Small Form Pluggable (SFP) module
- 2 single-mode fibers (SM)
- Max. operating data rate of 10 Gbps
- LC/UPC-Duplex connector
- Up to 10 km transmission distance
- Hot-pluggable capability

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.

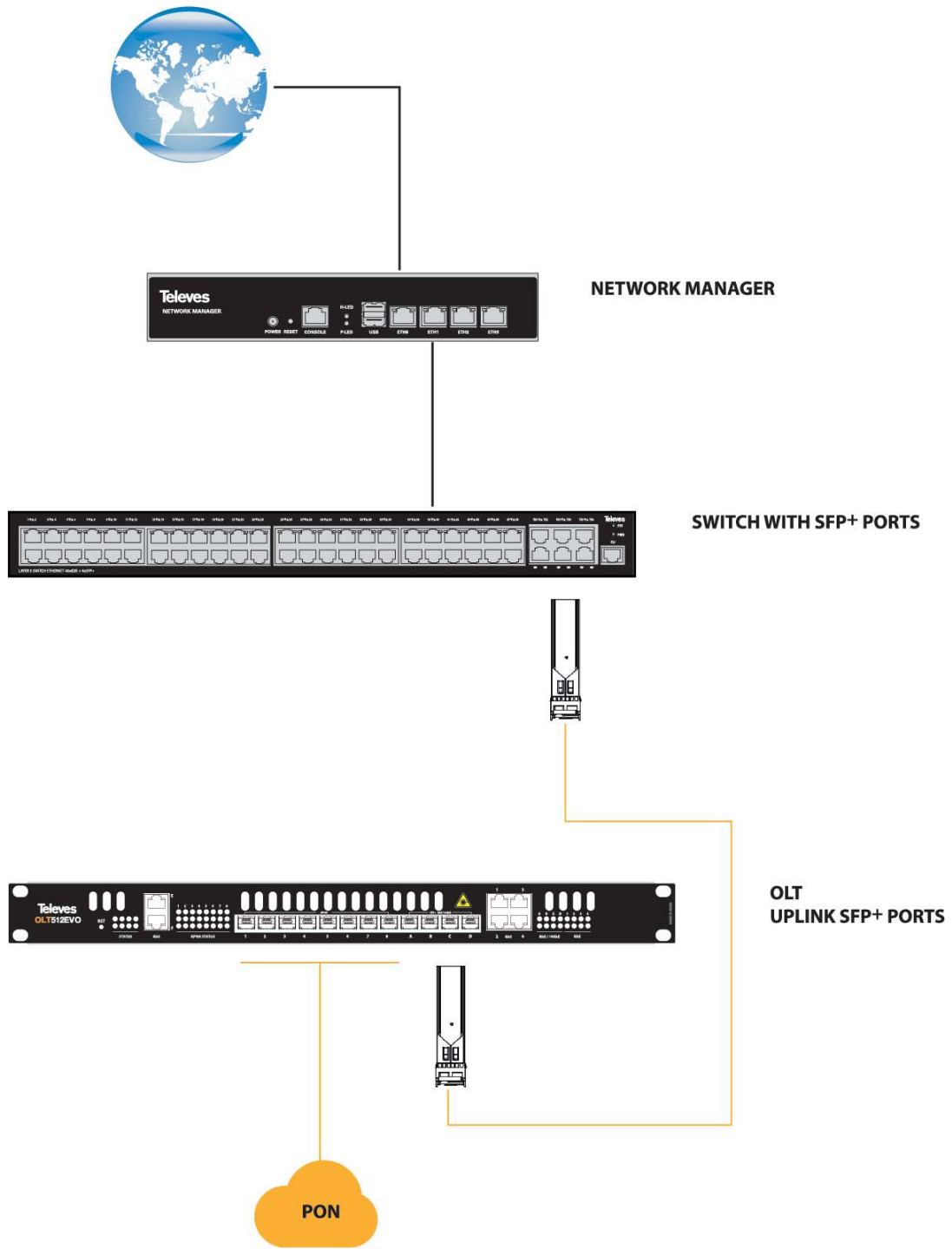
Reference	769520	769210	769212	769214	769410	769411	769412	769413	769414	769415	769150
Models	ONU SFP Adapter 1000 Base-X (SC/APC)	Adaptador Ethernet – SFP 1Gb, 2 fibras (LC/UPC) SM	Kit: 2 Ethernet – SFP Adapters 1Gb, 1 fiber (LC/UPC) SM	Ethernet – SFP+ Adapter 10Gb, 2 fiber (LC/UPC)	SFP Adapter GPON B+, 1 fiber (SC/PC)	SFP Adapter 1Gb, RJ45 connector	Ethernet – SFP+ Adapter 10Gb, 2 fiber (LC/UPC)	SFP Adapter GPON C+, 1 Fiber (SC/PC)	SFP Adapter GPON C+, 1 Fiber (SC/PC)	SFP Adapter GPON B+, 1 Fiber (SC/PC)	Ethernet – SFP Adapter 1Gb, 2 fibers (LC/PC) MM

Compatible with Managed Ethernet Switches: 769140 769141 769144 769145 769146 769147 769148 769149 769151 769152	OK	OK	OK	OK*	-	-	OK*	-	-	-	OK
Compatible with Unmanaged Ethernet Switches: 768115 768116	-	OK	OK	-	-	-	-	-	-	-	OK
Compatible with Industrial Switches: 768150	OK	OK	OK	-	-	-	-	-	-	-	OK
Compatible with Routers: 769115	-	OK	OK	OK	-	-	-	-	-	-	OK
Compatible with GPON OLT modules: 769403 769420 769421 769422	-	-	OK	OK**	OK	OK	OK	OK	OK**	OK**	OK**
Compatible with Media Converters: 769215	-	OK	OK	-	-	-	-	-	-	-	OK
Compatible with WaveData: 769002	-	OK	OK	-	-	-	-	-	-	-	OK

* Compatible with Ethernet switches with SFP+ ports: 769145, 769146, 769148, 769149, 769151 or 769152.

** Compatible with OLT512EVO: 769403.

Application example



Technical specifications : Ref. 769214

Transceiver type		SFP+
Fiber type		Single-Mode
Transmitter type		DFB
Transmitter wavelength	nm	1310
Transmitter output power	dBm	-8.2 ... 0.5
Receiver type		PIN Photodiode
Receiver wavelength	nm	1270 ... 1610
Optical receiver sensitivity	dBm	-15
Receiver overload	dBm	0.5
Data rate	Gb/s	10.313
Transmission distance	km	< 10
Powering	Vdc	3.14 ... 3.47
Max current input	mA	300
Max. power consumption	W	2
Operating temperature	°C	0 ... 70
Storage temperature	°C	-40 ... 85
Relative humidity	%	5 ... 95