



SFP+ 10GBASE-LR Transceiver, 2 SM fibers LC/UPC

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 volume	0.01 dm ³
Gross weight	30.00 g
Width	13.00 mm
Height	12.00 mm
Depth	65.00 mm
Main product weight	18.00 g

Highlights

- Real-time parameter monitoring thanks to DDM/DOM compatibility
- 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.

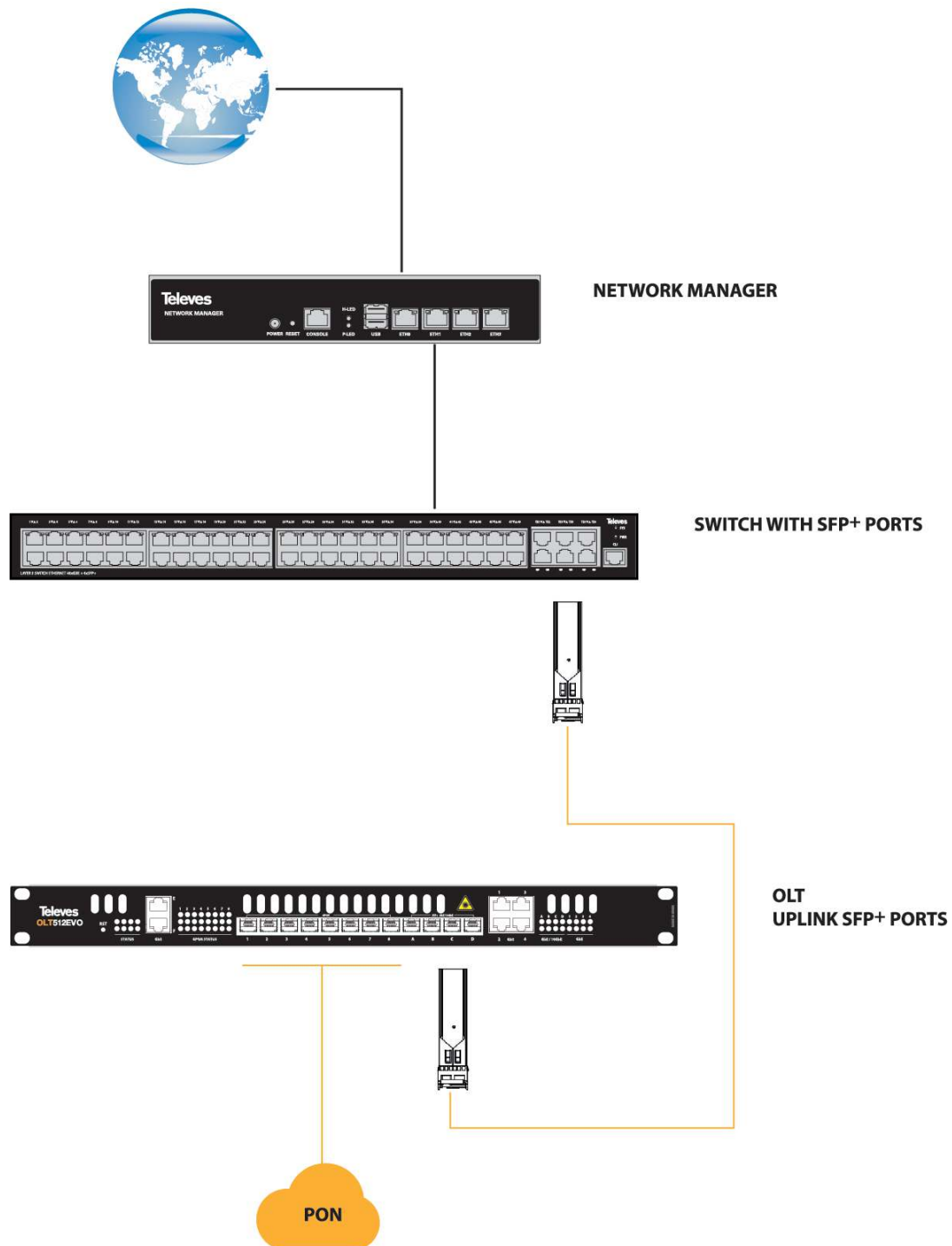
Which SFP do I need?

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.

	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. 769214

Transceiver type		SFP+
Fiber type		Single-Mode (SM)
Transmitter type		DFB
Transmitter wavelength	nm	1310
Transmitter output power	dBm	-8.2 ... 0.5
Optical receiving device		InGaAs PIN photodiode
Receiver wavelength	nm	1270 ... 1610
Optical receiver sensitivity	dBm	-15
Receiver overload	dBm	0.5
Data rate	Gbps	10.313
Transmission distance	km	< 10
Powering	Vdc	3.14 ... 3.47
Max current input	mA	300
Max. power consumption	W	2
Operating temperature	°F	32 ... 158
Storage temperature	°F	-40 ... 185
Relative humidity	%	5 ... 95