



SFP Transceiver for OLT512EVO, Class B+ GPON, 1 SC/UPC fiber

SFP (Small Form-Factor Pluggable) transceiver module, class B+ with SC/UPC connector. This high-performance adapter is intended for use with the OLT512EVO in a GPON network.

It generates an interface to make OLT inputs and outputs compatible with different types of networks, allowing the transmission of GPON services.

Wavelengths used: 1490/1310 nm.

Ref.	769415
Logical ref.	SFPGPONB+EVO
EAN13	8424450304952

Packaging info

Box	1 pcs.
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Physical data

Net weight	80.00 g
Gross volume	0.07 dm ³
Gross weight	87.00 g
Width	13.00 mm
Height	8.00 mm
Depth	65.00 mm
Main product weight	80.00 g

Highlights

- Small Form Pluggable (SFP) module
- SC/UPC connector
- OLT512EVO module (ref. 769403) compatible
- It complies with ITU-T Recommendation G.984.2 on Gigabit-capable Passive Optical Network (GPON) Systems

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.

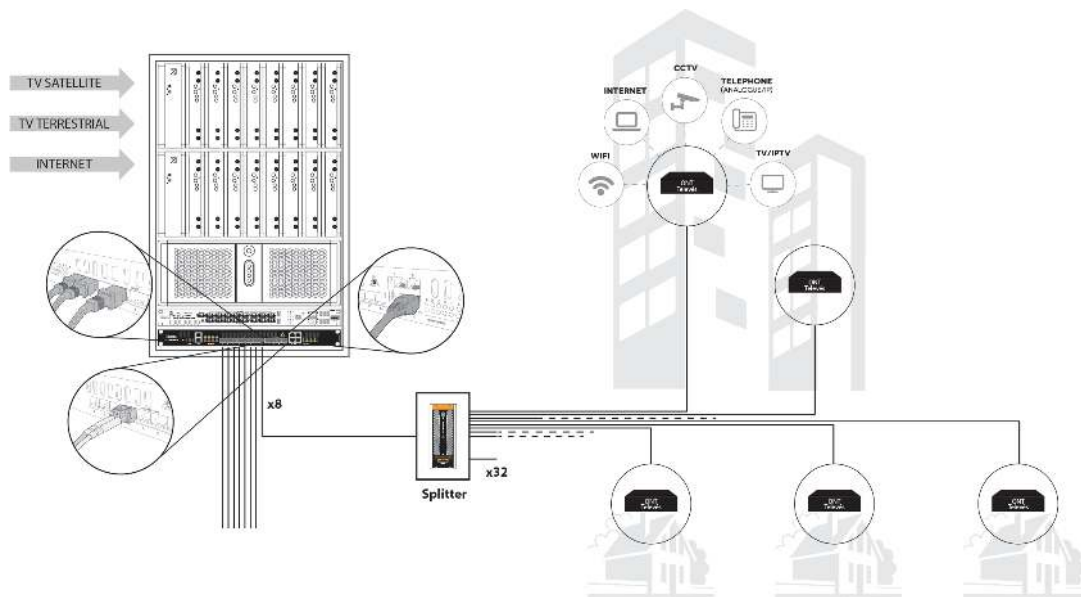
Which SFP do I need?

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	-	-	-	-	-	-
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Application example



Technical specifications : Ref. 769415

Transceiver type		SFP
Fiber type		Single-Mode (SM)
Transmitter type		DFB
Transmitter wavelength	nm	1490
Transmitter output power	dBm	1.5 ... 5
Optical receiving device		APD/TIA
Receiver wavelength	nm	1310
Optical receiver sensitivity	dBm	-28
Receiver overload	dBm	-8
Data rate	Gbps	2.488
Powering	Vdc	3.3
Operating temperature	°F	32 ... 158