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

SFP (Small Form-Factor Pluggable) transceiver module, class C+ 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.

Ref.	769414
Logical ref.	SFPGPONC+EVO
EAN13	8424450238998

Packaging info

Box	1 pcs.

Physical data

Net weight	30.00 g
Gross weight	37.00 g
Width	13.00 mm
Height	12.00 mm
Depth	65.00 mm
Main product weight	30.00 g

Highlights

- Small Form Pluggable (SFP) module
- Operating data rate of 1250 Mbps

- SC/UPC connector

- Hot-pluggable capability

- 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 sigle-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 SPFs and the different Ethernet and GPON equipment is described below.

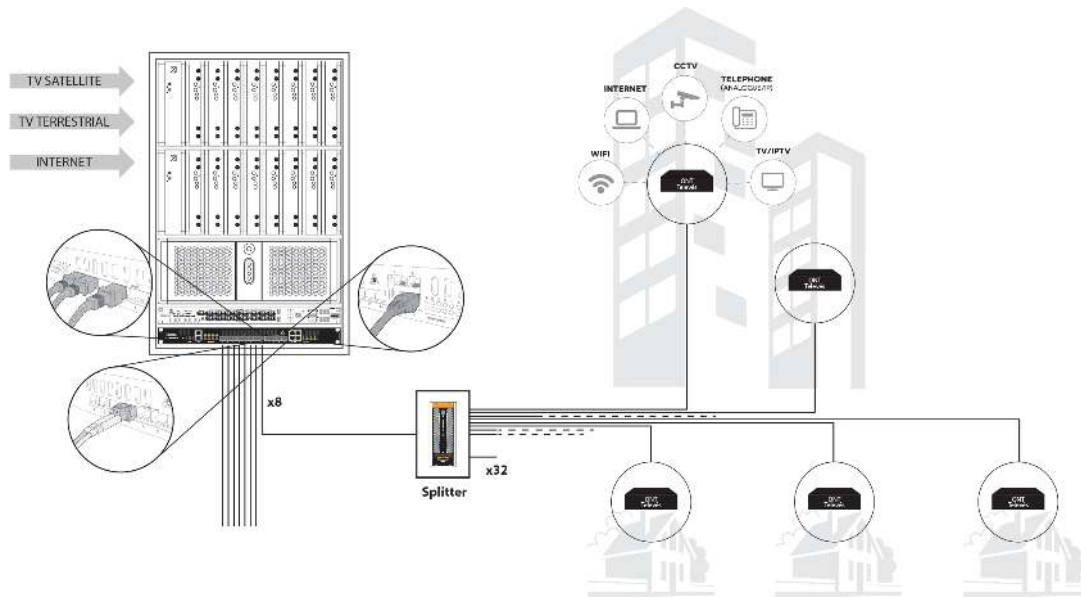| Reference	769520	769210	769212	769214	769410	769411	769412	769413	769414	769415	769150
Models	ONU SFP Adapter 1000 Base-X (SC/APC)	Adaptador Ethernet – SFP 1Gb, 2 fibras (LC/UPC) SM	Kit: 2 Ethernet – SFP Adapters 1Gb, 1 fiber (LC/UPC) SM	Ethernet – SFP+ Adapter 10Gb, 2 fiber (LC/UPC)	SFP Adapter GPON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

TV SATELLITE
TV TERRESTRIAL
INTERNET

x8

Splitter
x32

INTERNET
CCTV
TELEPHONE (ANALOGUE/VoIP)
WIFI
TV/IPTV

Technical specifications : Ref. 769414

Transceiver type		SFP
Fiber type		Single-Mode
Transmitter type		DFB
Transmitter wavelength	nm	1490
Receiver type		APD/TIA
Receiver wavelength	nm	1280 ... 1360
Optical receiver sensitivity	dBm	-30
Receiver overload	dBm	-12
Data rate	Mb/s	2488
Powering	Vdc	3.135 ... 3.465
Max current input	mA	500
Max. power consumption	W	1.74
Operating temperature	°C	0 ... 70
Storage temperature	°C	-40 ... 85
Relative humidity	%	0 ... 85