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SFP+ media converter

For OLT modules, Ethernet Switches (76914x), 10GbE

SFP+ (Small Form-Factor Pluggable) transceiver module for OLT equipment and Ethernet Switches 76914x with LC/UPC connector that offers the possibility to extend the network up to 10km through single-mode (SM) fiber 9/125µm.

This high performance media adapter generates an interface to make OLT inputs and outputs compatible with different types of networks.

| | | |
|-------------------|------------------------------|---------------|
| Ref.769411 | RJ45, 1GbE | |
| | Art.Nr | SFPET |
| | EAN13 | 8424450176726 |
| Ref.769413 | Class C GPON + 1 SC/PC fiber | |
| | Art.Nr | SFPGPONC+ |
| | EAN13 | 8424450185605 |
| Ref.769410 | Class B+ GPON 1 SC/PC fiber | |
| | Art.Nr | SFPGPON |
| | EAN13 | 8424450176733 |
| Ref.769412 | 10GbE, LC/PC 2 fibers | |
| | Art.Nr | SFPGPON10 |
| | EAN13 | 8424450182901 |

Highlights

- OLT modules (ref. 769401, 769420, 769421 or 769422) compatible
- Ethernet Switch (ref. 769140, 769141, 769142, 769143, 769144 or 769145) compatible

Main features

- Small Form Pluggable (SFP) module
- 2 single-mode fibers (SM)
- Operating data rate of 11,1Gbps

- LC/UPC-Duplex connector
- 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 | 769410 | 769411 | 769412 | 769413 | 831503 | 831505 | 831506 |
|---|--------------------------------------|--|---|--|---|--|--|---------------------------|---------------------------------|---------------------------|
| Models | ONU SFP Adapter 1000 Base-X (SC/APC) | Ethernet - SFP Adapter 1Gb, 2 fibers (LC/UPC) SM | Kit: 2 Ethernet - SFP Adapters 1Gb, 1 fiber (LC/UPC) SM | SFP Adapter for OLT equipment GPON B+, 1 fiber (SC/PC) | SFP Adapter for OLT equipment 1Gb, RJ45 connector | Ethernet - SFP+ Adapter 10Gb, 2 fiber (LC/UPC) | SFP Adapter for OLT equipment GPON C+, 1 Fiber (SC/PC) | Transceiver 1Gb, MMF (LC) | Transceiver 1Gb, RJ45 connector | Transceiver 1Gb, SMF (LC) |
| Compatible with Ethernet Switches: 769140 769141 769142 769143 769144 769145 | ✓ | ✓ | ✓ | - | - | ✓* | - | ✓ | - | - |
| Compatible with Routers: 769111 | - | ✓ | ✓ | - | - | - | - | - | - | - |
| Compatible with Switches for IPTV applications: 831401 831402 831403 831406 831426 | - | - | - | - | - | - | - | ✓ | ✓ | ✓ |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Compatible with GPON OLT modules: 769401 769420 769421 769422 | - | - | - | ✓ | ✓ | ✓ | ✓ | - | - | - |
| Compatible with Media Converters: 769215 | - | ✓ | ✓ | - | - | - | - | - | - | - |

* Compatible with Ethernet switches with SFP+ ports: 769142, 769143 or 769145.

