



ONU 3 PoE+ 50W: 4x 1Gb Ethernet, 2x FXS, RF Overlay

ONU (Optical Network Unit) module, also known as customer-premises equipment (CPE), designed to be installed in each room that requires connectivity within a GPON network. Its function is to receive the optical signal sent by the OLT and provide services such as internet, telephony, and television.

With a design specifically intended for the Hospitality sector, it can deliver up to 16 services to each user, allowing for more entertainment options in guest rooms and a greater number of management tools for the establishment. In addition, it offers extensive connectivity with 4 Ethernet ports (RJ45) of up to 1 Gbps, 2 telephone ports (RJ11), and 1 "F" connector for television.

This device includes PoE power supply of up to 50 W total through its 4 Ethernet ports. It is ideal for use in common areas or FTTB (Fiber to the Building) scenarios, enabling the powering of multiple devices such as video surveillance cameras and access points without the need for electrical outlets.

Its chassis, designed for professional environments, allows for easy and secure wall or ceiling mounting using screws. The zamak construction provides robustness and excellent heat dissipation, maintaining optimal performance even in unventilated spaces.

Ref.	769530
Logical ref.	ONU3POE50
EAN13	8424450317310

Packaging info

Box	1 pcs.
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Physical data

Net weight	1,605.00 g
Gross volume	8.80 dm ³
Gross weight	1,918.00 g
Width	286.00 mm
Height	126.00 mm
Depth	44.00 mm
Main product weight	1,134.00 g

Highlights

- Excellent heat dissipation: its zamak chassis ensures efficient thermal management, even in unventilated installations such as false ceilings
- In-house development optimized for integrators: thanks to our fully developed Hospitality ecosystem, configuration, deployment, and maintenance are simplified when combined with the OLT512EVO
- RF Overlay compatibility: includes an "F" output connector to connect the television directly without the need for additional devices
- Power supply included with UL certification

Technical specifications : Ref. 769530

Optical connectors		SC/APC
T-CONT Number		64
GEM Port Number		256
GPON Wavelength (@Downstream)	nm	1490
Optical input power	dBm	-33 ... -6
Upstream Wavelength (@Upstream)	nm	1310
Optical output power	dBm	4.2
RF Overlay		Yes
Wavelength (@RF Overlay)	nm	1550
Optical input power RF Overlay	dBm	-10 ... -1
RF connectors		"F" female
RF Frequency range	MHz	47 ... 1220
RF output level	dBmV	10 ... 17
Number of Gigabit Ethernet ports (10/100/1000BASE-T)		4
Number of FXS ports		2
Number of USB ports		1
PoE Standard		IEEE 802.3af/at
Total PoE Power	W	50
Max Power per port	W	21
Switching capacity	Gbps	22.5
Number of VLANs		1024
MAC Addresses		4096
OMCI		Yes
Powering	Vdc	56
PSU input voltage	Vac	100 ... 240
Mains frequency		50 Hz / 60 Hz
Max PSU current input	A	2
Max PSU output current	A	1.07
Max. power consumption	W	60
Operating temperature	°F	32 ... 113

PoE Power on Port 1: up to 21 W, Ports 2 to 4: up to 10 W.