



Domestic CATV optical micro-receiver, 1550 nm, equipped with OLC technology

Domestic optical micro-receiver; receives one 1550 nm optical signal and restores it on one RF output (47 MHz -1220 MHz) with amplification.

Equipped with OLC technology.

Perfect both for FTTH applications and as a RF Overlay receiver on GPON networks.

Ref.	231181
EAN13	8424450179123

Other features

Plug type	US plug
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Packing

Box	1 pcs.
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Physical data

Net weight	298.00 g
Gross weight	310.00 g
Width	146.00 mm
Height	60.00 mm
Depth	35.00 mm
Main product weight	226.00 g

Highlights

- Plug & Play: self-regulating
- Low-impact visual design and limited size
- The OLC (Optical Level Control) technology automatically adjusts the parameters to achieve a

constant output level, irrespective of the channel load

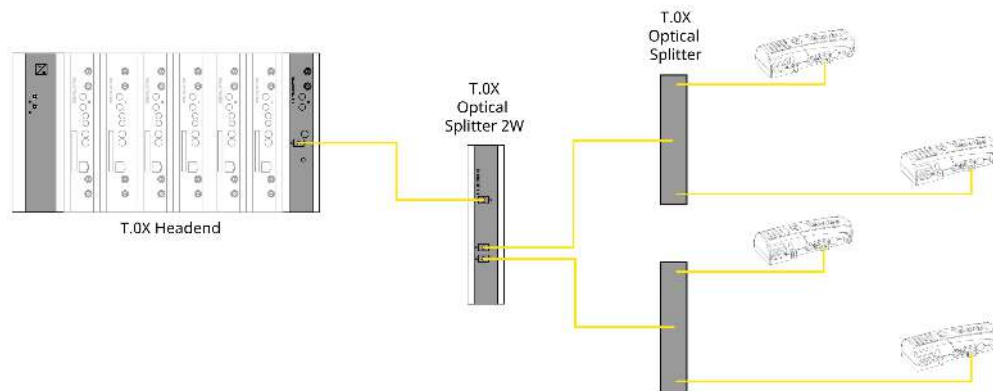
- Self-controlled output level with an outstanding C/N
- Integrated high-performance switched-mode power supply: Low power consumption

Main features

- Provides optical input power information thanks to a LED indicator scale
- SC/APC optical connectors, and F-type connectors for RF
- Can be wall-mounted using screws

Application example

Application for distribution to 32 users.



Technical specifications : Ref. 231181

RF connectors		"F" female
Frequency range	MHz	47 ... 1220
Impedance	Ω	75
Return losses	dB	> 11
Flatness	dB	-1.5 ... 1.5
Output level	dB μ V	80
C/N	dB	> 51
Wavelength	nm	1550
OLC range	dBm	-10 ... -1
Optical input power	dBm	-13 ... 2
Optical return losses	dB	> 40
Optical connectors		SC/APC
Optical device		InGaAs pin photodiode
Input voltage	Vac	110 ... 230
Max. current	mA	32
Max. power consumption	W	1.6
Operating temperature	°C	-5 ... 45
Protection index (IP)		20