



## 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.

<b>Ref.</b>	231181
<b>EAN13</b>	8424450179123

### Other features

<b>Plug type</b>	US plug
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### Packaging info

<b>Box</b>	1 pcs.
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### Physical data

<b>Net weight</b>	298.00 g
<b>Gross weight</b>	310.00 g
<b>Width</b>	146.00 mm
<b>Height</b>	60.00 mm
<b>Depth</b>	35.00 mm
<b>Main product weight</b>	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

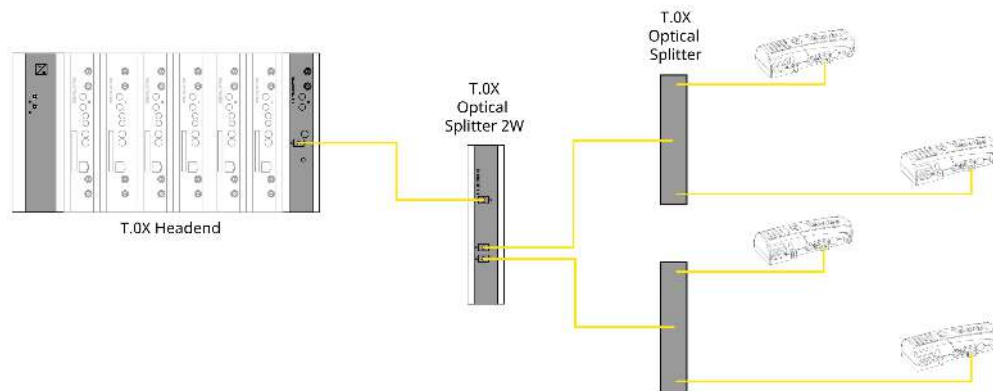
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- Provides optical input power information thanks to a LED indicator scale
- SC/APC optical connectors, and F-type connectors for RF
- Can be wall-mounted using screws

## Application example

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Application for distribution to 32 users.



## Technical specifications : Ref. 231181

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