



## Outdoor CATV optical receiver equipped with OLC 1200...1600 nm

Highly configurable optical receiver for cable operators. Receives one optical signal in the 1200 nm-1600 nm range and restores it on up to 2 RF outputs (40 MHz-1006 MHz) with amplification. Equipped with OLC technology.

The aluminium frame enables outdoor installation (local power supply).

Perfect for RF Overlay, FTTB, and FTTC applications.

<b>Ref.</b>	231220
<b>Logical ref.</b>	ONWW
<b>EAN13</b>	8424450182840

### Other features

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

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

<b>Net weight</b>	1,650.00 g
<b>Gross volume</b>	7.40 dm <sup>3</sup>
<b>Gross weight</b>	1,650.00 g
<b>Width</b>	240.00 mm
<b>Height</b>	195.00 mm
<b>Depth</b>	90.00 mm
<b>Main product weight</b>	1,645.00 g

### Highlights

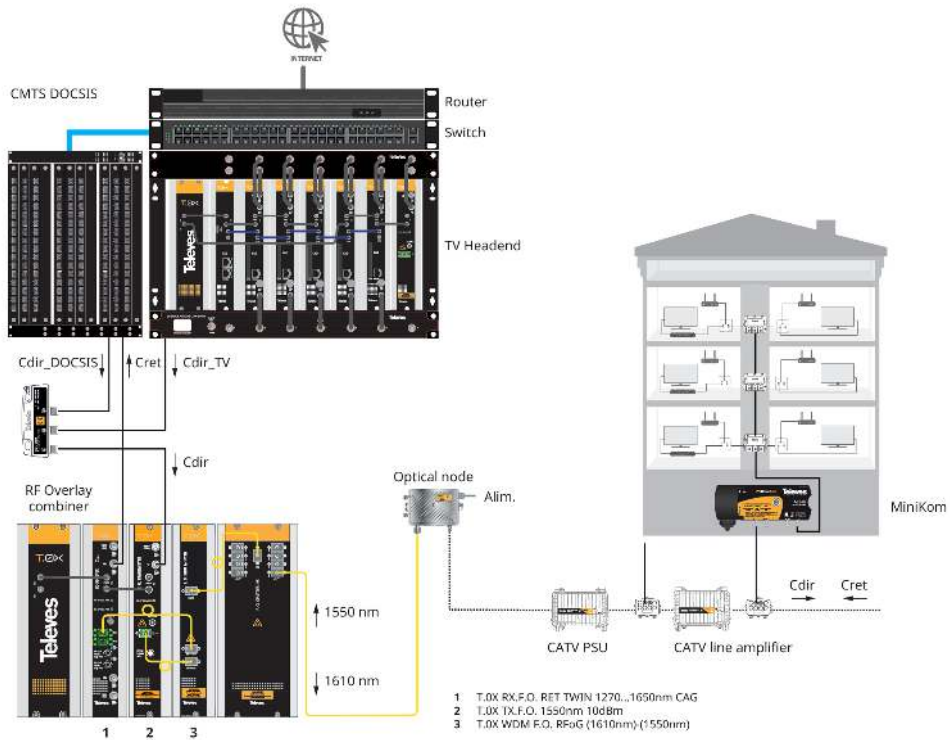
- The OLC (Optical Level Control) technology automatically adjusts the parameters to achieve a

constant output level, irrespective of the channel load

- Equipped with pre-equalization, attenuation, and equalization controls to adapt the output signal to the coaxial network characteristics
- High output voltage (RF amplification) and enhanced C/N
- Wide reception optical range
- Low power consumption
- 1 or 2 selectable outputs
- The test point avoids user service outage during maintenance
- The F connectors can be replaced with 1/2"-cable adapters (ref.4121)
- Local powering
- SC/APC optical connectors, and F-type connectors for RF
- Outdoor installation (IP65)

## Application example

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## Technical specifications : Ref. 231220

Number of outputs		2
Frequency range	MHz	47 ... 1218
Output level	dBmV	53
Flatness	dB	-0.75 ... 0.75
Return losses	dB	> 10
Test point	dB	-30
Attenuator (selectable)		4 dB / 6 dB
Interstage attenuator	dB	0 ... 8
Selectable pre-emphasis		4 dB / 9 dB
Input wavelength	nm	1200 ... 1600
Optical input level	dBm	-8 ... 1
Optical input power Max	dBm	4
Optical return losses	dB	> 40
Optical device		InGaAs pin photodiode
Output impedance	$\Omega$	75
Input voltage	Vac	110 ... 230
Mains frequency		50 Hz / 60 Hz
Max. current	mA	300
Max. power	W	16.5
RF connectors		"F" female
Optical connectors		SC/APC
Operating temperature	°F	23 ... 113
Protection index (IP)		65