



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.

Ref.	231220
Logical ref.	ONWW
EAN13	8424450182840

Other features

Plug type	EU plug
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Packaging info

Box	1 pcs.
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Physical data

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

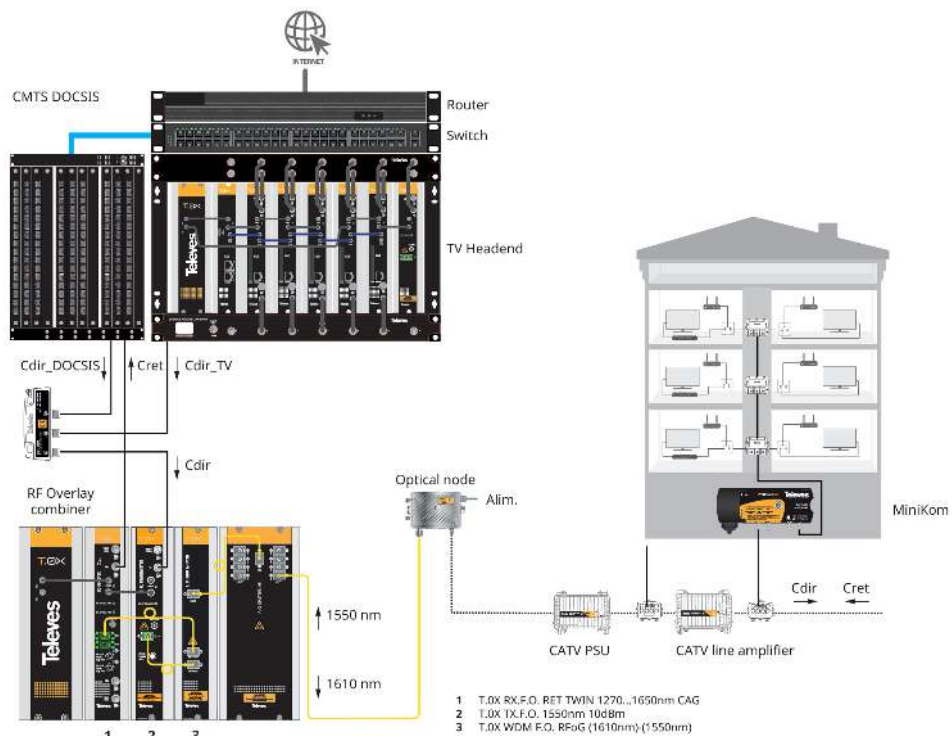
Highlights

- 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



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	Ω	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