



Overlight dCSS Optical Receiver: 2 dCSS/Legacy+Terr. outputs and 2 Terr. outputs + PSU (UK plug), SKY applications, FM/DAB/UHF/SAT

Enhanced electronics and optical engineering to light up your TV

Complete optical Wideband satellite and terrestrial receiver and power supply unit with UK plug. The receiver captures the TV optical signal on a single fiber (1200...1600 nm) and restores the original terrestrial and satellite TV signals, providing 4 RF outputs: 2 dCSS/Legacy + Terr. outputs and 2 Terr. outputs.

Thanks to its optimized electronics and low losses, it is possible to reduce the number of amplifiers required and simplify deployment in collective installations, preserving the signal quality throughout the process. Furthermore, it is fully indicated for use in GPON installations, and it perfectly adapts to SKY applications.

This device is part of the Overlight system, that distributes satellite and terrestrial signals to multiple users through a single optical fiber.

Ref. 237623

EAN13

8424450317440

Other features

Plug type	UK plug
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Packaging info

Box	1 pcs.
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Physical data

Net weight	530.00 g
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Gross weight	560.00 g
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Width	125.00 mm
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Height	91.00 mm
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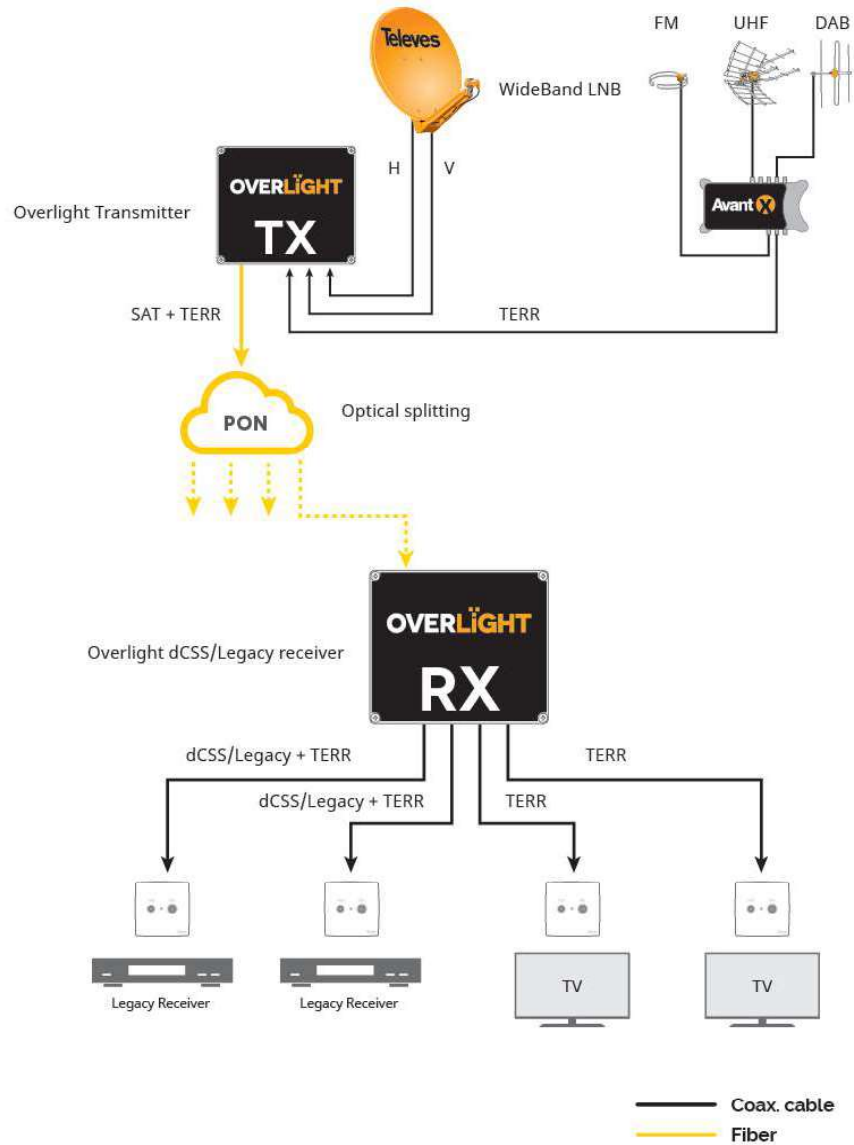
Depth	30.00 mm
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Main product weight	360.00 g
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Highlights

- Very compact in dimensions and weight
- Compatible with GPON deployments
- Supports SKY modes
- Low losses
- Optimized electronic behavior
- 100% European design, quality, and manufacturing
- SC/APC optical connector
- F-type RF connectors
- High-screening Zamak chassis
- Can be wall-mounted using screws
- Includes external power supply

Application example



Technical specifications : Ref. 237623

TERR number of outputs			4	
dCSS number of outputs			2	
Legacy number of outputs			2	
Impedance	Ω		75	
Output type		TERR	dCSS	Legacy
Output level	dB μ V	69 ... 73	80	64 ... 71
Output frequency range	MHz	87 ... 694	--	950 ... 2150
dCSS standard			Sky (EN50494/EN50607)	
Wavelength	nm		1200 ... 1600	
Optical device			InGaAs pin photodiode	
Optical input level	dBm		-13 ... -6	
RF connectors			"F" female	
Optical connectors			SC/APC	
Powering	Vdc		12 ... 18	
Max current consumption (@12V)	mA		550	
Max current consumption (@18V)	mA		410	
Operating temperature	°C		-5 ... 45	
PSU input voltage	Vac		100 ... 240	
Max PSU current input	mA		600	
PSU output voltage	Vdc		12	
Max PSU output current	A		1.5	
PSU protection index			23	
PSU operating temperature	°C		-5 ... 45	

These measurements are conditioned to the use of an Overlight transmitter