



FTTH optical transmitter 1310/1550nm, Po 9dBm

The complete satellite and DTT lineup
in a single optical fiber

The FTTH transmitter receives one RF terrestrial signal (DTT from one headend) and one optical satellite signal (1310 nm) as inputs. The device converts DTT into optical (1550 nm) and multiplexes it with the satellite input to provide one single optical fiber output (1310 nm/1550 nm) with all the contents.

Part of FULL SAT + DTT system, to be used together with the FTTH receiver (ref. 237320).

Ref.	237302
Logical ref.	UOS15501310-9
EAN13	8424450256060

Packaging info

Box	1 pcs.
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Physical data

Net weight	491.00 g
Gross weight	544.00 g
Width	185.00 mm
Height	80.00 mm
Depth	35.00 mm
Main product weight	491.00 g

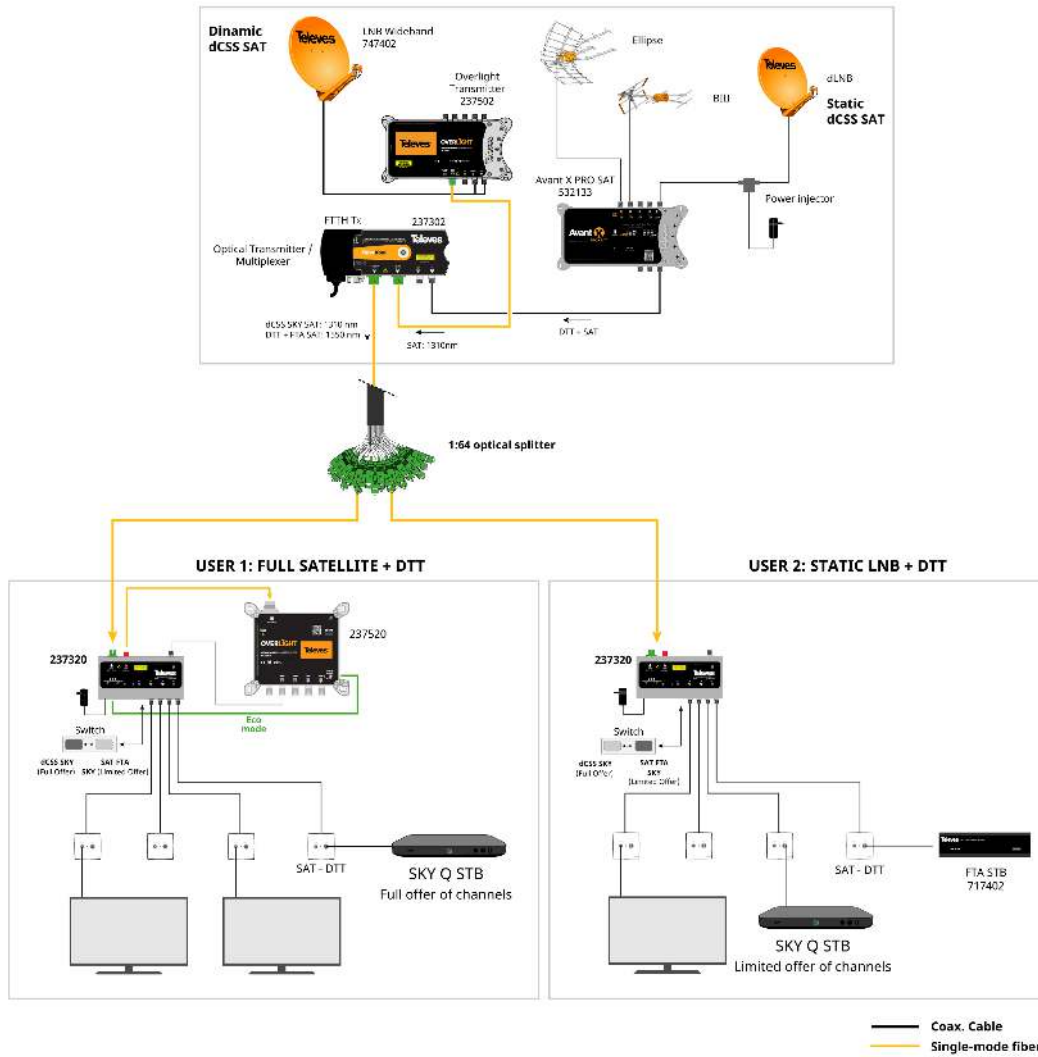
Highlights

- High conversion quality: perfect for scenarios where the terrestrial band carries a high number of channels
- Wide dynamic ranges

Main features

- Compatible with legacy and dCSS multiswitches
- High-shielding Zamak chassis
- Can be wall-mounted using screws
- SC/APC optical connectors, and F-type connectors for RF

Application example



Technical specifications

RF parameters		
Bandwidth	MHz	47 ... 2200
Flatness	dB	± 0,75 (47-1200MHz) ± 2,5 (47-1200MHz)
Input level	dBμV	81 (47-1200MHz) 42ch CENELEC 95 (950-2200MHz) DIB-VDE 0855/12
CNR/CSO/CTB	dBμV	>50/>59/>63
Optical output		
Laser	Tipo	MQW-DBF
Output power	dBm	+9
Wavelength	nm	1550
General		
Supply voltage	V~	99...253
Maximum power	W	2.5
Max. current consumption	mA	75 (99V) / 45 (253V)
Dimensions (xyz)	mm	185 x 80 x 35
Weight	g	400
IP protection index	IP	30