



SMATV optical transmitter (without Return Path) 1310 nm, Po 6 dBm

Produces an optical signal in the 1310 nm-window modulated by the input RF SMATV signal (47 MHz-2400 MHz). The optical output power is 6 dBm. Perfect for RFoG / RF Overlay solutions.

Ref.	233306
Logical ref.	UOS1310N
EAN13	8424450169063

Packaging info

Box	1 pcs.
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Physical data

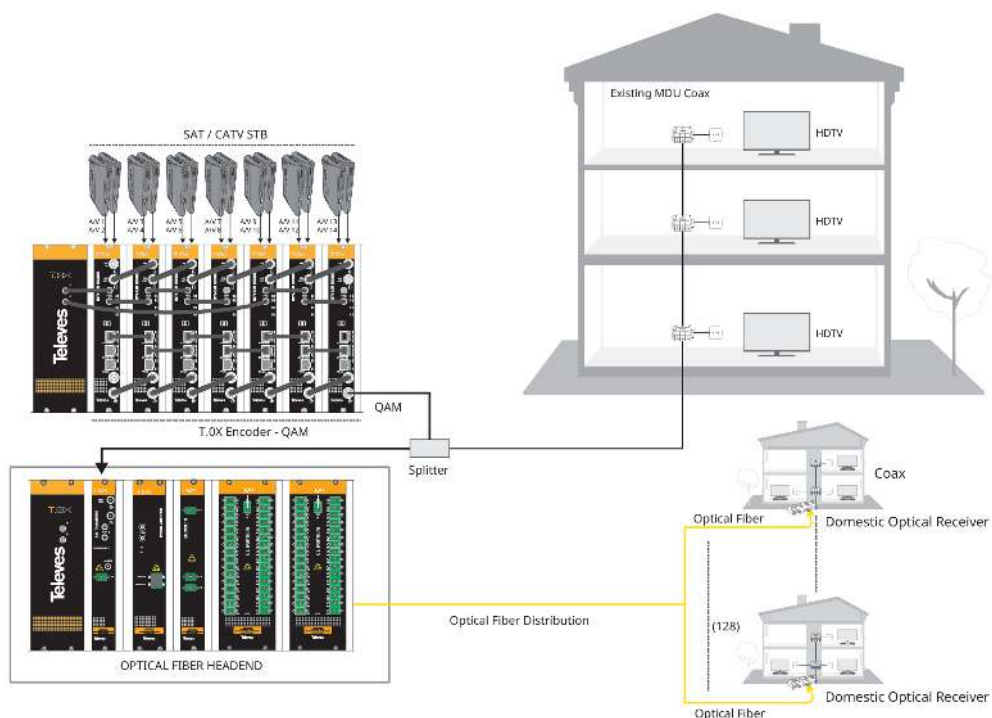
Net weight	1,300.00 g
Gross volume	6.10 dm ³
Gross weight	1,300.00 g
Width	50.00 mm
Height	219.00 mm
Depth	183.00 mm
Main product weight	851.00 g

Highlights

- SMATV-compatible: up to 2400 MHz input bandwidth
- RF input level control: optimization of the optical conversion quality parameters
- Optical power drop alarm

- Very low equivalent noise conversion
- Easy to install and use
- High energy efficiency
- SC/APC optical connectors, and F-type connectors for RF

Application example



Technical specifications : Ref. 233306

Inputs/Bands		TERR	SAT
Frequency range	MHz	47 ... 1200	950 ... 2400
Input level	dBmV	13 ... 33	3 ... 23
Flatness	dB	-0.5 ... 0.5	-2 ... 2
Gain adjustment range	dB		0 ... 14
C/N	dB		> 51
CSO	dB		> 60
CTB	dB		> 60
Wavelength	nm		1310
Optical output power	dBm		6
Transmitter type			MQW-DFB
Optical connectors			SC/APC
RF connectors			"F" female
Impedance	Ω		75
Input voltage	Vdc		12 ... 24
Max. current	mA		260
Operating temperature	°F		23 ... 113

42 ch CENELEC. 0 Km of fiber. 0 dBm at the optical receiver input.