



Optical transmitter (without Return Path) 1550 nm, Po 5 dBm

Produces an optical signal in the 1550 nm-window modulated by the input RF SMATV signal (47 MHz-2400 MHz). The optical output power is 5 dBm. Perfect for RFoG solutions, and as RF Overlay transmitter on GPON networks.

Ref.	234305
Logical ref.	UOS15504N
EAN13	8424450167038

Packaging info

Box	1 pcs.
Bucket	18 pcs.

Physical data

Net weight	1,100.00 g
Gross volume	5.40 dm ³
Gross weight	1,100.00 g
Width	50.00 mm
Height	219.00 mm
Depth	183.00 mm
Main product weight	848.00 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

Technical specifications : Ref. 234305

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		1550
Optical output power	dBm		5
Transmitter type			MQW-DFB
Optical connectors			SC/APC
RF connectors			"F" female
Impedance	Ω		75
Input voltage	Vdc		12 ... 24
Max. current	mA		270
Operating temperature	°F		23 ... 113