



SMATV FiberKom optical transmitter (without Return Path) 1310 nm, Po 3 dBm

Generates an optical output signal of 1310nm of wavelength modulated by the input RF SMATV signal (47 MHz- 2400 MHz). It is possible to obtain an optimal output signal working with low input levels. The optical output power is 3 dBm.

Ref.	238201
Logical ref.	OMS1310
EAN13	8424450180617

Packaging info

Box	1 pcs.
------------	--------

Physical data

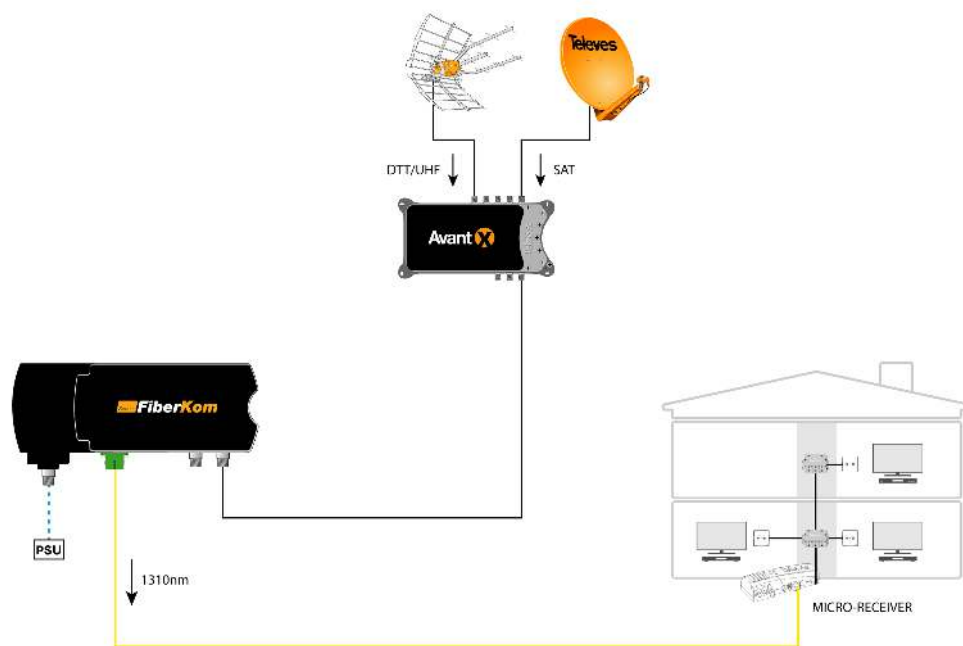
Net weight	412.00 g
Gross volume	0.90 dm ³
Gross weight	412.00 g
Width	187.00 mm
Height	89.00 mm
Depth	34.00 mm
Main product weight	412.00 g

Highlights

- SMATV-compatible: up to 2400 MHz input bandwidth
- "Plug & Play" installation

- FiberKom design: made of Zamak, provides great robustness and shielding. The design also offers a wall assembly for separately installation.
- OMI Test Point
- Optical level indicator with green LED
- SC/APC optical connectors, and F-type connectors for RF
- Remote powering either through the output F connector or a specific power F connector (external PSU), with a maximum voltage of 35V

Application example



Technical specifications : Ref. 238201

Inputs/Bands		TERR	SAT
Frequency range	MHz	47 ... 1200	950 ... 2400
Input level	dBmV	19	35
Flatness	dB	-0.75 ... 0.75	-2.5 ... 2.5
C/N	dB		> 51
CSO	dB		> 60
CTB	dB		> 65
Wavelength	nm		1310
Optical output power	dBm		3
Transmitter type			MQW-DFB
Optical connectors			SC/APC
RF connectors			"F" female
Impedance	Ω		75
Powering RF	Vdc		11 ... 35
Max current RF	mA		120
Operating temperature	°F		23 ... 113
Protection index (IP)			30