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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

Art.Nr	OMS1310
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Highlights

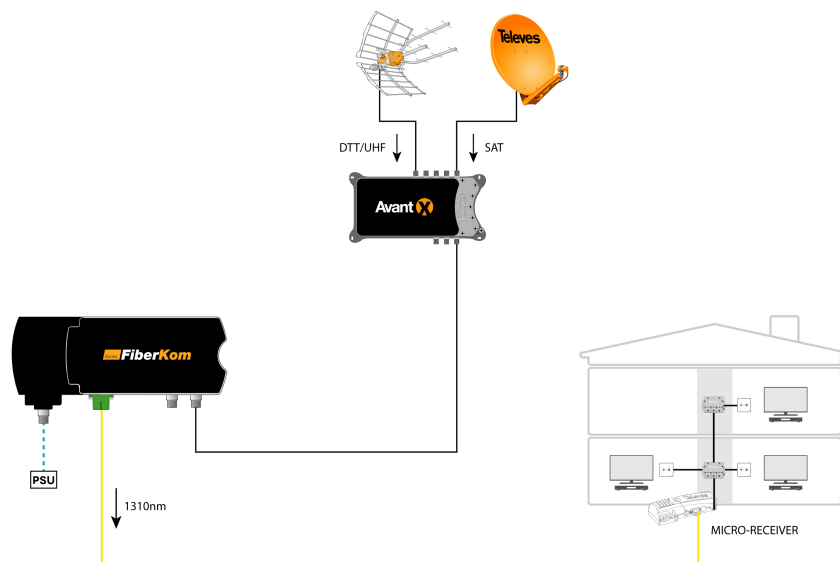
- SMATV-compatible: up to 2400 MHz input bandwidth
- "Plug & Play" installation
- FiberKom design: made of Zamak, provides great robustness and shielding. The design also offers a wall assembly for separately installation.

Main features

- 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

(Click to see the picture)



Technical specifications

RF	Frequency range		MHz	47 - 2400
	Flatness	47-1200 MHz	dB	±0.75
		950-2400 MHz		±2.5
	Input level	47-1200 MHz	dBµV	79
		950-2400 MHz		95
	C/N		dB	>51
	CSO		dB	>60
	CTB		dB	>65
OMI Test point		dBµV	64	
Optical	Optical connector		type	SP / APC
	Laser		type	MQW - DFB
	Wavelength		nm	1310
	Output power		dBm	+3
General	RF connector		type	F-female
	Power supply connector			F-female
	Power supply voltage		V / mA	11-35 / 120-40
	Operating temperature		°C	-5 ... +45
	Index operation		IP	30