



*Televes reserves the right to modify the product*

## WideBand LNB and optical transmitter Kit

DAB/VHF/UHF/SAT, 1310nm, Po 8dBm

Kit consisting of LNB Wideband that captures the entire frequency spectrum of a satellite and transmits it through two outputs (V-H) in a frequency range between 290 and 2340MHz. The optical transmitter receives the signal from the LNB in its two satellite inputs, in addition to including a third input for terrestrial signal (88-694MHz) mixing. The resulting signal is provided by its optical output in the 1310nm window, with 8dBm optical power.

The kit also includes:

- Transmitter power supply, with Jack to "F" adapter, and EU and UK plugs
- Caps

**Ref.237412**

**Art.Nr**

KLT1310

**EAN13**

8424450250778

### Highlights

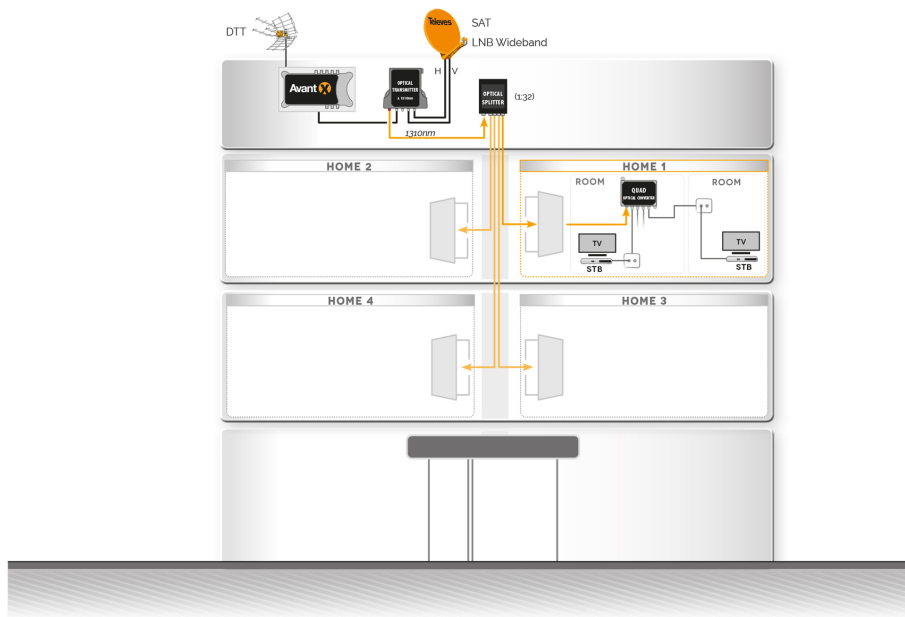
- For installations of up to 32 users
- Terrestrial and satellite signal conversion and mixing

### Main features

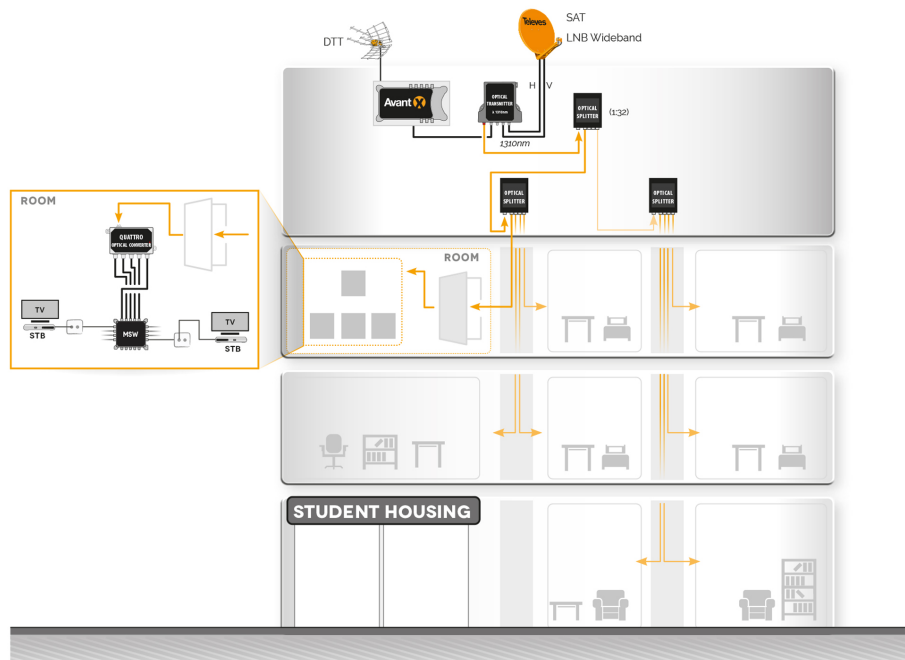
- FC/UPC optical connector and F-type connectors for RF
- Can be mounted externally (on a satellite mast) or internally (on a wall or cabinet)

## Application example

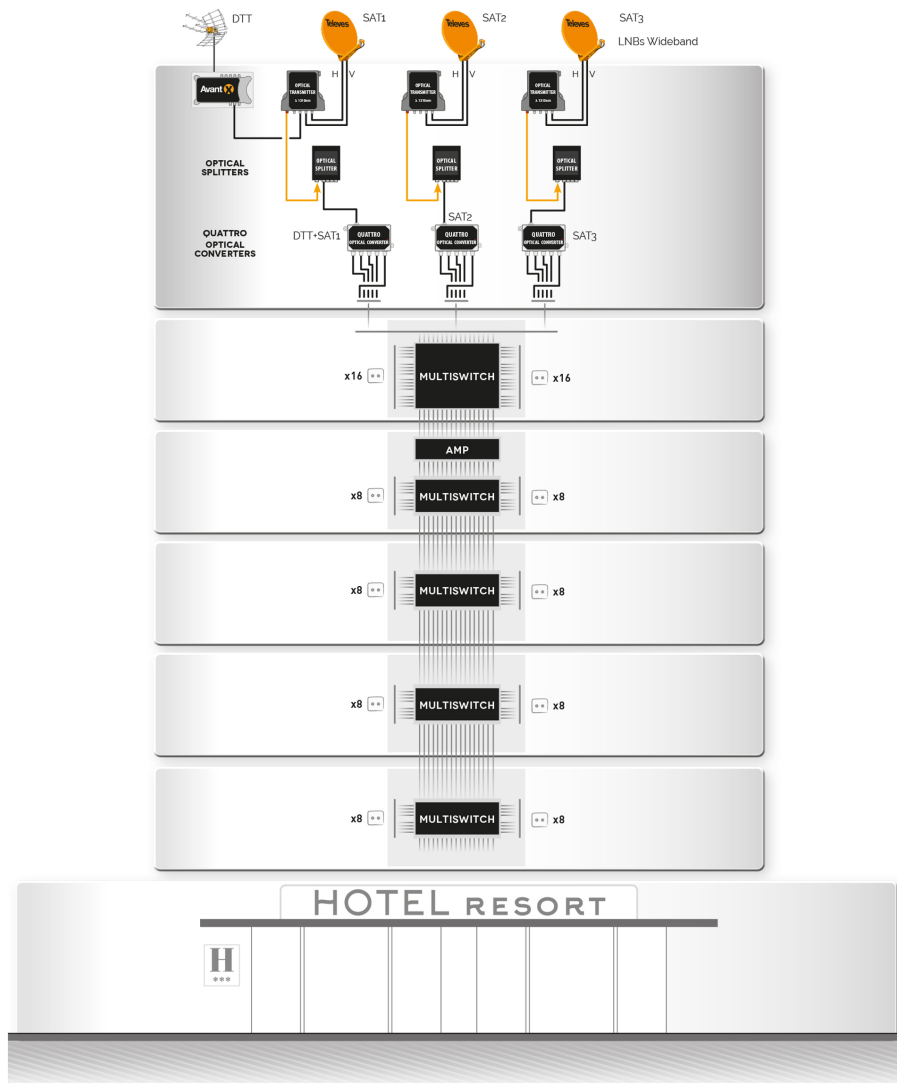
(Click to see the picture)



FTTH: Private building (DTT + SAT)



FTTR: Student housing (DTT + SAT)



FTTB: Hotel (DTT + 3SAT)

## Technical specifications

<b>Inputs/Bands</b>			TERR	V	H	
<b>Frequency range</b>	MHz	88 ... 694	290 ... 2340	290 ... 2340		
<b>Input level</b>	dB $\mu$ V	--	70 ... 85	70 ... 85		
<b>Input impedance</b>	$\Omega$		75			
<b>Wavelength</b>	nm		1310			
<b>Optical output power</b>	dBm		8			
<b>RF connectors</b>			"F" female			
<b>Optical connectors</b>			FC/UPC			
<b>Input voltage</b>	Vac		20 ... 20			
<b>Max. power consumption</b>	W		7			
<b>Operating temperature</b>	$^{\circ}$ C		-20 ... 60			