

DTKom power-doubling line broadband multiband amplifier, controllable 1 input: Return Ch. + MATV

High-power multiband amplifier for CATV operator distribution. Its expanded bandwidth (49 MHz-1002 MHz) offers an user selectable gain of 30/40dB. Equipped with switchable return channel (5 Mhz-36 MHz), which has a return gain of 28dB when active mode is selected.

The unit can be controlled local or remotely, allowing the technician to test, to modify and to save unit parameters:

- Via local, with the RJ45 front connector, using the Televes universal programmer Ref. 7234.
- Via remote, according to B_LAN standards by commands via distribution cable

Ref.	451282
EAN13	8424450201879

Packaging info

Box	1 pcs.
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Physical data

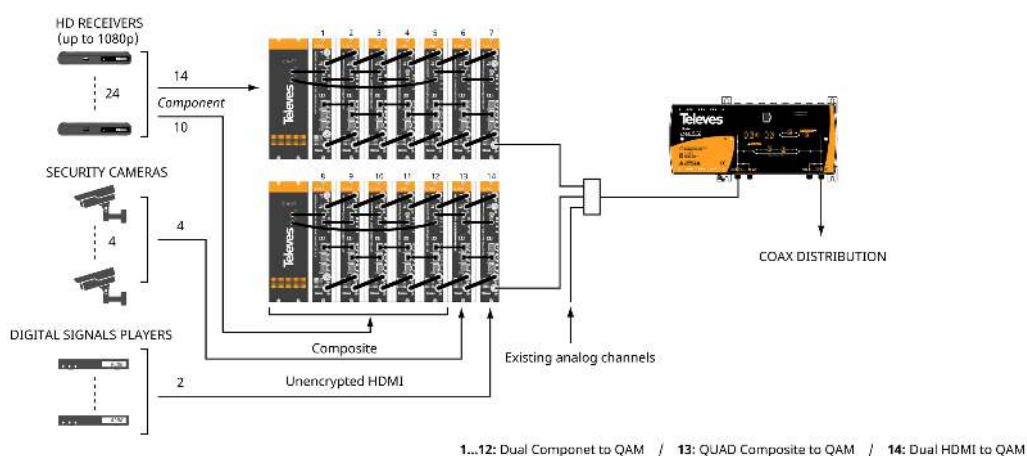
Net weight	1,910.00 g
Gross weight	2,470.00 g
Width	280.00 mm
Height	141.00 mm

Depth	50.00 mm
Main product weight	1,850.00 g

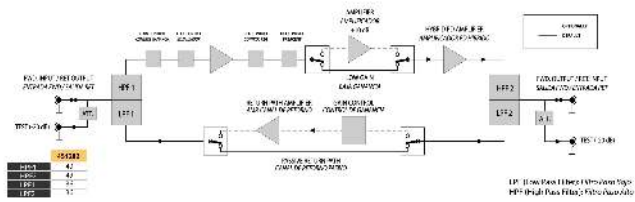
Highlights

- Forward channel up to 1 Ghz
- Designed using Power Doubling technology, which guarantees levels in the 69dBmV range for terrestrial signals.
- Includes a high-performance low-power consumption switch-mode power supply
- High-screening Zamak chassis. The design facilitates appropriate cooling
- Switched configurable gain (high/low), and high output level
- Equipped with equalizer, pre-equalizer and gain control
- Intuitive front cover, including adjustments and block diagram
- Output signal LED indicator

Application example



Graphic documentation



Technical specifications : Ref. 451282

Bands		RET	TERR
Frequency range	MHz	5 ... 36	49 ... 1002
High gain	dB	28	40
Low gain	dB	-3	30
Gain adjustment range	dB	0 ... 10	0 ... 10
Noise figure	dB	6	8
Output level DIN45004B	dBmV	56	69
Output level 42Ch Cenelec	dBmV	--	52
Return losses	dB	12	14
Equalizator	dB	--	< 18
Input attenuator	dB	0 ... 18	0 ... 18
Flatness	dB		1.5
Preacentuation	dB		10
Impedance	Ω		75
Max. power consumption	W		16.5
Max. current	mA		270
Input voltage	Vac		110 ... 230
Mains frequency			50 Hz / 60 Hz
Number of inputs			1
Number of outputs			1
Connectors			"F" type
Operating temperature	°F		14 ... 113
Protection index (IP)			20