

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

High-power multiband amplifier for CATV operator distribution. Its expanded bandwidth (54 MHz-1002 MHz) offers an user selectable gain of 30/40dB. Equipped with switchable return channel (5 MHz-42 MHz), which has a return gain of 28dB when active mode is selected.

Ref.	451280
EAN13	8424450177280

Packaging info

Box	1 pcs.

Physical data

Net weight	1,911.00 g
Gross weight	2,210.00 g
Width	280.00 mm
Height	141.00 mm
Depth	50.00 mm
Main product weight	1,839.00 g

Highlights

- Forward channel up to 1 GHz
- 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
- 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

Technical specifications : Ref. 451280

Bands		RET	MATV
Frequency range	MHz	5 ... 42	54 ... 1002
High gain	dB	28	40
Low gain	dB	-3	30
Noise figure	dB	6	6
Output level DIN45004B	dBmV	58	69
Output level 42Ch Cenelec	dBmV	--	52
CTB	dB	--	-60
XMOD	dB	--	-60
CSO	dB	--	-60
Return losses	dB	12	--
Equalizator	dB	--	< 10
Input attenuator	dB	--	< 20
Flatness	dB	1.5	
Preacentuation	dB	10	
Impedance	Ω	75	
Max. power consumption	W	15	
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	