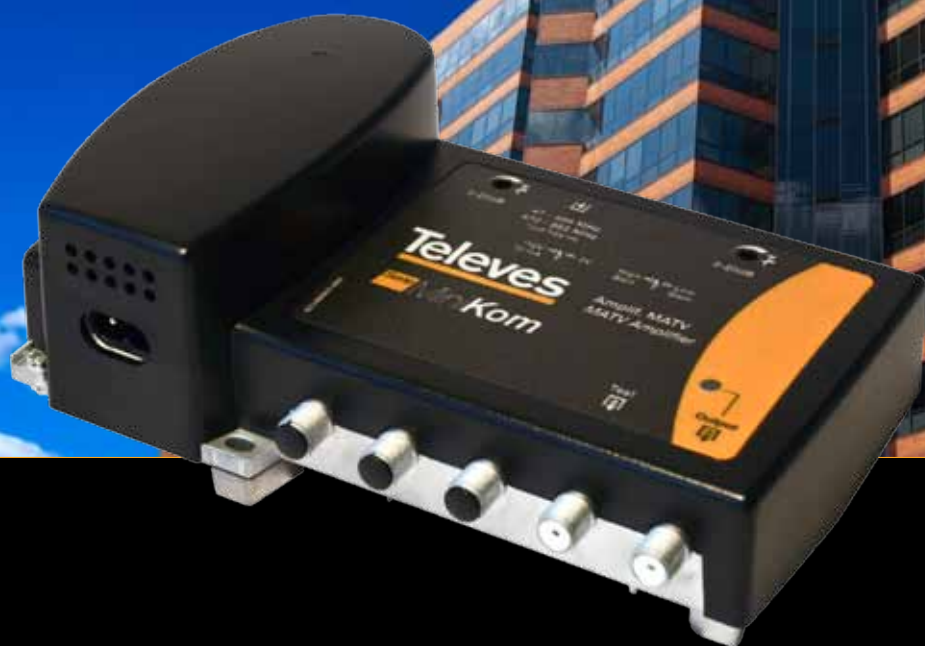


NP100

100 products in 18 months



MATV LINE AMPLIFIER

REF.537302

47-454 MHz to 470-862 MHz

Line amplifier (MATV) for small and medium distribution networks. Low or High Gain selectable by means of a rear switch, ensuring the signal level to the desired output with a low noise figure.

- Separate VHF and UHF amplification
- Separate attenuators 20dB
- 12Vdc power supply (input) selectable by a switch
- Output signal LED indicator
- Test output at -30dB
- Interruptor conmutado - High / Low Gain

REF	DESCRIPTION	EAN 13
537302	MATV Line Amplifier	8424450144183

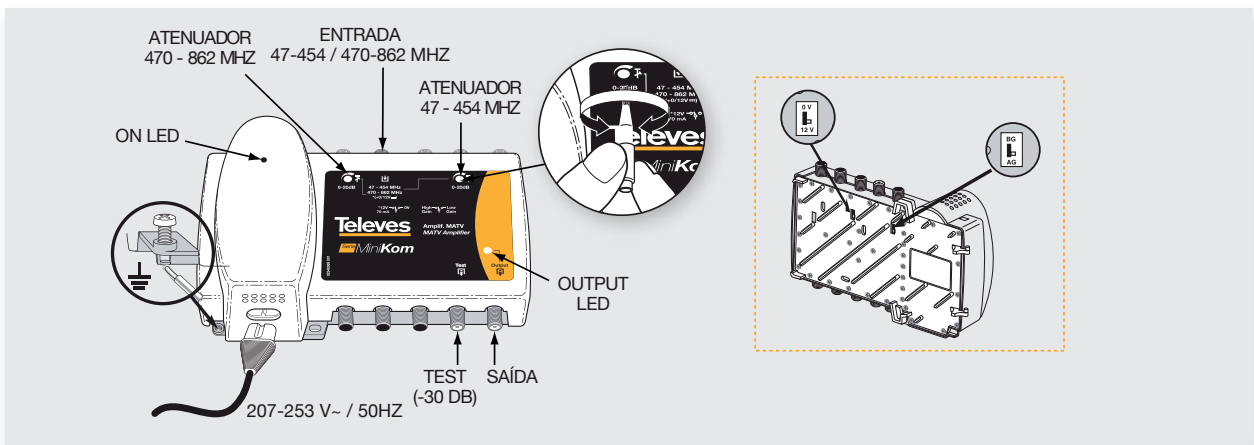
MATV LINE AMPLIFIER

47MHz - 454MHz to 470MHz - 862MHz

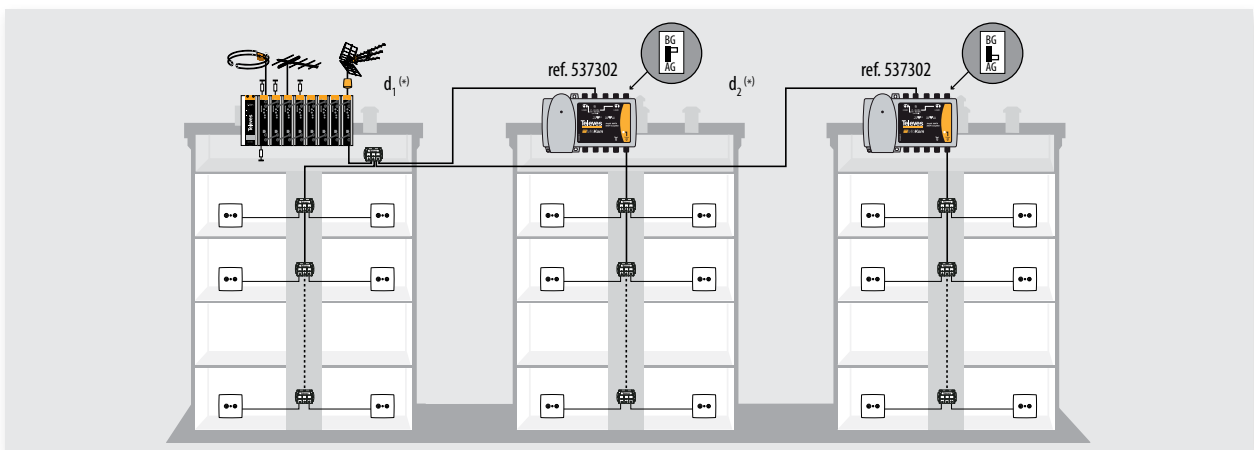
LOW GAIN OR HIGH GAIN MODE SELECTABLE BY MEANS OF A SWITCH

TECHNICAL FEATURES

Gain		(MHz)	47 ... 454	470 ... 862
Select. Gain	High Gain	(dB)	30 ± 3	37 ± 3
	Low Gain	(dB)	20 ± 3	27 ± 3
Max. Output level	DIN 45004B	(dBμV)	>114 typ.	>116 typ.
	EN50083	IMD3 ⁽¹⁾ (dBμV)	111 typ.	113 typ.
		IMD2 ⁽¹⁾ (dBμV)	103 typ.	---
Noise figure		(dB)	< 7 typ.	
Attenuator		(dB)	0 - 20	
Mains voltage		(V~)	207 - 253	
Input DC bypass select.		(V=)	0 / 12 (70mA)	
Max. power consumption		(W)	7	
Working temperature		(°C)	-5 ... + 45 °C	
Protection Index			IP 20	



TYPICAL APPLICATION



(*) $d_2 > d_1$