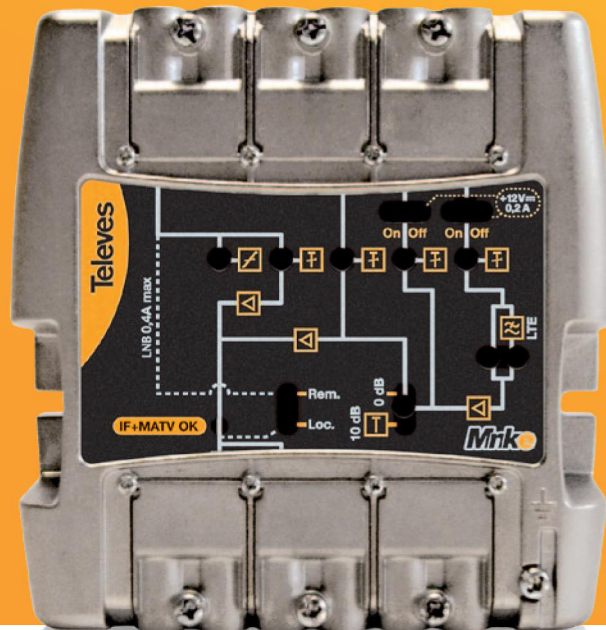


Serie MiniKom



LAUNCH / SPLITBAND AMPLIFIERS WITH LTE REJECTION FILTERING



REF. 562501, 562401, 562301, 562302 & 562601



LAUNCH AMPLIFIERS WITH SELECTABLE GAIN AND LTE REJECTION

Launch amplifiers for MATV and SMATV systems, with two selectable gain margins and separate amplification to ensure rejection of intermodulation products between inputs. Also, these amplifiers incorporate LTE rejection filtering configurable by means of external switches, a control LED on the output signal level for immediate detection of any failure in the system.

The IF amplifier incorporates a switch to choose between powering the LNB directly from a PSU or remotely from an external STB.

✓ Highlights

- **Compact** dimensions (103 x 103 x 50mm).
- **Configurable** gain.
- **High gain and output level.**
- Models with **LTE rejection filtering** (switchable).
- Level **control** LED.
- **High efficiency** switch-mode power supply.
- **EasyF** connectors to save space and time on site.

✓ Product range

REF.	DESCRIPTION	EAN 13
562501	MINIKOM MATV 3I/1O "EasyF" FM-V-U	8424450161296
562401	MINIKOM MATV 4I/1O "EasyF" FM-V-U-U	8424450161067
562301	MINIKOM 5I/1O "EasyF" FM-V-U-21..35-39..60/69	8424450161036
562302	MINIKOM 5I/1O "EasyF" FM-V-U-21..32-36..60/69	8424450165904
562601	MINIKOM MATV+SAT 4I/1O "EasyF" FM-V-U-SAT	8424450161302

EASYF AMPLIFIERS SERIES

ADAPTABLE, EFFICIENT AND WITH SELECTABLE LTE REJECTION FILTERING

✓ Technical Specifications

Reference		562501			562401				562301 / 562302 ⁽²⁾						
Inputs		band	FM	VHF	UHF	FM	VHF	UHF1	UHF2	FM	VHF	BIV	BV	UHF	
Frequency range		MHz	88...108	174...400	470...862 470...790 ⁽¹⁾	88...108	174...400	470...862 470...790*		88...108	174...400	470...590 470...566 ⁽²⁾	614...862 614...790 ⁽¹⁾ 590...862 ⁽²⁾ 590...790 ⁽¹⁾⁽²⁾	470...862 470...790 ⁽¹⁾	
Gain (Low/High)		dB	15	22/32	34/44 ⁽³⁾	15	22/32	28/38 ⁽³⁾		15	22/32	26/36 ⁽³⁾		28/38 ⁽³⁾	
Gain regulation margin			0-20	0-20	0-20	0-20	0-20	0-20	0-20	0-20	0-20	0-20	0-20	0-20	
Output level	DIN45004B	dBμV	113	114	117	113	114	117		113	114	117	117	117	
	EN50083		IMD3	-	111	114	-	111	114		-	111	114	114	114
			IMD2	-	103	-	-	103	-	-		-	103	-	-
Noise figure		dB	10	7	5	10	7	8,5		10	7	9	10	8,5	
Input voltage		Vdc	-	12	12	-	12	12		-	12	12	12	12	
Input max. current		mA	-	200	200	-	200	200		-	200	200	200	200	
Total current available			-	400			-	400			-	400			
Total consumption AC	Vdc ON	W, mA	11 / 110												
	Vdc OFF		4,5 / 50												

Reference		562601					
Inputs		band	FM	VHF	UHF	SAT	
Frequency range		MHz	88...108	174...400	470...862 470...790 ⁽¹⁾	950... 2150	
Gain ⁽³⁾ (Low/High)		dB	15	21/31	26...32/ 36...42 ⁽³⁾	33...40	
Gain regulation margin			0-20	0-20	0-20	0-25	
Input equalizer			-	-	-	0-15	
Output level	DIN45004B	dBμV	114	114	115	-	
	EN50083		IMD3	111	111	-	-
			IMD2	-	103	-	-
Noise Figure		dB	8	6,5	6	-	
Input voltage		Vdc	-	12	12	12	
Input max. current		mA	-	200	200	400	
Total current available			400				
Max. LNB current			-	-	-	500	
Total consumption AC	Vdc ON	W, mA	12 / 120				
	Vdc OFF		5,5 / 60				

⁽¹⁾ LTE SWITCH ON

⁽²⁾ Ref. 562302

⁽³⁾ LTE SWITCH ON => -2dB

✓ Typical application

