




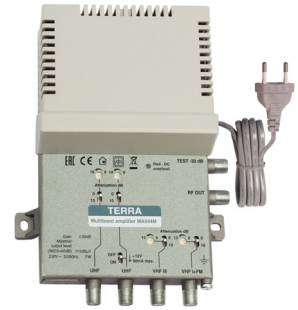
Multiband amplifiers

Medium power amplifiers

- amplifier for combining and balancing of the signals up to 4 TV antennas
- protection and indication of DC overload
- integrated LTE signal suppression filter 
- built-in attenuators for every band
- DC feeding for preamplifier through UHF input
- die-cast housing inside plastic case
- die-cast housing (MA044M, MA045M)





CABRIOLINE




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



Technical specifications		MA056	MA056L	MA056T	MA044M	MA045M
TYPE						
Ordering number		03506	03506L	03506T	01598M	01599M
Gain	VHF+FM (47-108 MHz)			30 dB		
	VHFIII (174-230 MHz)			30 dB		
	UHF (470-862 MHz)	2 x 35 dB	-	-	2 x 34 dB	34 dB
	UHF (470-790 MHz)	-	2 x 35 dB 	-	-	-
	UHF (470-694 MHz)	-	-	2 x 35 dB 	-	-
Number of inputs			4		4	3
Noise figure, typical	VHF			<6 dB		
	UHF			<6 dB		<4 dB
Maximal output level		IMD3=60 dB (DIN45004B) 112 dB μ V, IMD3=60 dB 109 dB μ V			IMD3=60 dB (DIN45004B)= 115 dB μ V, IMD3=60 dB 112 dB μ V	
Gain control			0 ÷ -16 dB			0 ÷ -20 dB
Return loss				> 10 dB		
Test point			-20 dB			-30 dB
DC feeding for external			5 V 80 mA max.			12 V 60 mA max.
Power consumption			230 V~ 50/60 Hz 2.3 W*			230 V~ 50/60 Hz 7 W
Operating temperature range				-20° ÷ +50° C		
Dimensions/Weight (packed)			133x73x39 mm/0.36 kg			135x180x52 mm/0.72 kg

* without external DC load; with external DC load 3 W

- for combining and balancing of the signals up to 4 TV antennas
- integrated LTE signal suppression filter 
- protection and indication of DC overload
- built-in attenuators for every band
- switchable DC feeding for preamplifier through one UHF input
- die-cast housing



Technical specifications		MA048LC	MA049L	MA049T	MA050L	MA050T
TYPE						
Ordering number		03500	03501	03501T	03502	03510
Gain	FM (88-108 MHz)		30 dB		30 dB	
	VHFIII (174-230 MHz)		30 dB			
	UHF (470-790 MHz)	-	34 dB 	-	34 dB 	-
	UHF (470-694 MHz)	-	-	34 dB 	-	34 dB 
	UHF1 (470-766 MHz)	34 dB 				
	UHF2 (470-790 MHz)	34 dB 				
Number of inputs		4	3	3	2	2
Noise figure, typical	VHF			< 6 dB		
	UHF (700 MHz)	< 7 dB		< 5 dB		
Maximal output level		IMD3=60 dB (DIN45004B) 115 dB μ V, IMD3=60 dB 112 dB μ V				
Gain control				0 ÷ -20 dB		
Return loss				> 10 dB		
Test point				-30 dB		
DC feeding for external				12 V 60 mA max.		
Power consumption*				230 V~ 50/60 Hz 7 W		
Operating temperature range				-20° ÷ +50° C		
Dimensions/Weight (packed)				135x180x52 mm/0.72 kg		

* without external DC loading