


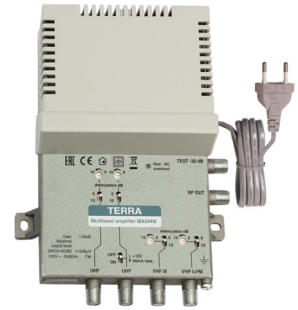


Multiband amplifiers Medium power amplifiers



- 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

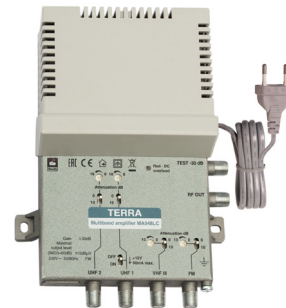


Technical specifications







T Y P E		MA056	MA056L	MA056T	MA044M	MA045M
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					<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 \div -16 dB			0 \div -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 $^{\circ}$ \div +50 $^{\circ}$ 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

T Y P E		MA048LC	MA049L	MA049T	MA050L	MA050T	
Ordering number		03500	03501	03501T	03502	03510	
Gain	FM (88-108 MHz)				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 \div -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 $^{\circ}$ \div +50 $^{\circ}$ C	
Dimensions/Weight (packed)						135x180x52 mm/0.72 kg	

* without external DC loading