
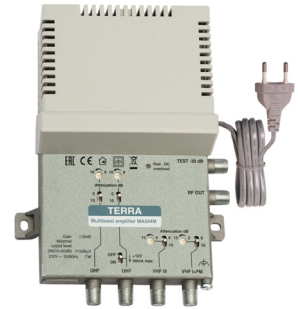





Multiband amplifiers

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)



Technical specifications

T Y P E		MA056T	MA044M	MA045M
Ordering number		03506T	01598M	01599M
Gain	VHF+FM (47-108 MHz)	30 dB		
	VHFIII (174-230 MHz)	30 dB		
	UHF (470-862 MHz)	-	2 x 34 dB	34 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