TERRA

Multiband amplifiers

Medium power amplifiers

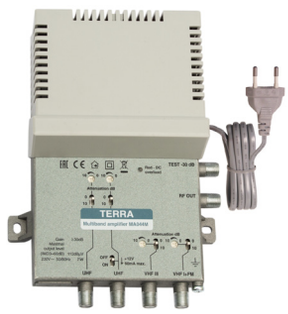
- amplifier for combining and balancing of the signals up to 4 TV antennas
- protection and indication of DC overload
- integrated LTE signal suppression filter (MA056L, MA056T, MA057L, MA057T)
- built-in attenuators for every band
- DC feeding for preamplifier through UHF input
- die-cast housing inside plastic case
- die-cast housing (MA044M, MA045M)

Lte Ready

NEW

CABRIOLINE





Technical specifications

TYPE		MA056	MA056L	MA056T	MA057	MA057L	MA057T	MA044M	MA045M
Ordering number		03506	03506L	03506T	03507	03507L	03507T	01598M	01599M
Gain	VHFI+FM (47-108 MHz)	30 dB							
	VHFIII (174-230 MHz)	30 dB							
	UHF (470-862 MHz)	2 x 35 dB	-	-	35 dB	-	-	2 x 34 dB	34 dB
	UHF (470-790 MHz)	-	2 x 35 dB	-	-	35 dB	-	-	-
	UHF (470-694 MHz)	-	-	2 x 35 dB	-	-	35 dB	-	-
Number of inputs		4			3			4	3
Noise figure, typical	VHF	<6 dB							
	UHF	<6 dB			<3 dB			<6 dB	<4 dB
Maximal output level		IMD3=60 dB (DIN45004B) 112 dBμV, IMD3=60 dB 109 dBμV						IMD3=60 dB (DIN45004B) = 115 dBμV, IMD3=60 dB 112 dBμV	
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



Lte Ready

NEW

Technical specifications

TYPE		MA048LC	MA049L	MA049T	MA050L
Ordering number		03500	03501	03501T	03502
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	-
	UHF1 (470-766 MHz)	34 dB	-		
	UHF2 (470-790 MHz)	34 dB	-		
Number of inputs		4	3	3	2
Noise figure, typical	VHF	< 6 dB			
	UHF (700 MHz)	< 7 dB	< 5 dB		
Maximal output level		IMD3=60 dB (DIN45004B) 115 dBμV, IMD3=60 dB 112 dBμV			
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