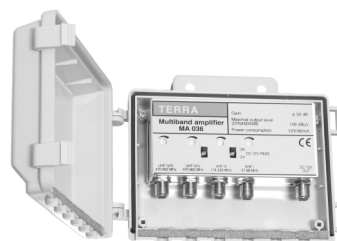




Mast multiband amplifiers

Outdoor units

- GSM rejection >20 dB (MA053, MA054)
- for combination and balancing of the signals from up to 5 TV antennas
- shielded metal case inside plastic housing
- for outdoor mounting
- DC by-pass switches for preamplifiers
- built-in attenuators for every band
- DC feeding via output connector



Technical specifications

T Y P E		MA036	MA037	MA038	MA053	MA054
Ordering number		00566	00567	00571	00556	00557
Gain	VHFI (47-68 MHz)	30 dB	30 dB	30 dB	20 dB	20 dB
	FM (88-108 MHz)	-	-	-	-	-
	VHFIII (174-230 MHz)*	30 dB	30 dB	30 dB	20 dB	20 dB
	UHFIV (470-606 MHz)	-	-	-	28 dB	28 dB
	UHFV (638-862 MHz)	-	-	-	28 dB	28 dB
	UHF (470-862 MHz)	2x34 dB	30 dB	30 dB	28 dB	28 dB
Number of inputs		4	2	3	5	5
Noise figure, typical		<5 dB	<4 dB	<4 dB	<4 dB	<4 dB
Maximal output level IMD3=60 dB (DIN45004B)		106 dB μ V			111 dB μ V	
Gain control		VHF 0 \pm -20 dB; UHF 0 \pm -18 dB				
Return loss		> 10 dB				
DC for preamplifiers, switchable**		VHFIII, 1xUHF	VHF, UHF	VHFIII, UHF	UHFIV/UHFV/UHF	
Power consumption***		+12 V/90 mA	+12 V/75 mA		+12 V/100 mA	
Operating temperature range		-20 $^{\circ}$ \pm +50 $^{\circ}$ C				
Dimensions/Weight (packed)		154x107x54 mm/0.27 kg				

* VHFIII (174-260 MHz) - MA053, MA054

** 12V/100 mA max.

*** without external DC loading