



# Masthead products

## Multiband amplifiers


- for combining and balancing of the signals up to 3 TV antennas
- switchable DC feeding for preamplifier UHF
- built-in attenuators for every band
- DC feeding via output connector
- for outdoor mounting
- shielded metal case inside plastic housing



Technical specifications







T Y P E		MX061	MX062	MX064
Ordering number		03525	03526	03527
Gain	FM (88-108 MHz)	16 dB	30 dB	30 dB
	VHFIII (174-260 MHz)			
	UHF (470-790 MHz)	2x20 dB	2x34 dB	38 dB
Number of inputs		3	3	2
Noise figure			VHF 6 dB; UHF 3 dB	
Maximal output level IMD3=60 dB (DIN45004B) IMD3=60 dB			108 dB $\mu$ V 105 dB $\mu$ V	
Gain control		VHF 0 $\div$ -10 dB UHF 0 $\div$ -10 dB	VHF 0 $\div$ -20 dB; UHF 0 $\div$ -16 dB	
Return loss			> 10 dB	
DC for preamplifiers (switchable)*			through UHF input	
Current consumption**		12 V 65 mA	12 V 80 mA	
Operating temperature range			-20 <sup>o</sup> $\div$ +50 $^{\circ}$ C	
Dimensions/Weight (packed)			89x107x43 mm/0.18 kg	

\* 12 V 60 mA max.      \*\* without external DC loading

- for combining and balancing of the signals up to 3 TV antennas
- integrated LTE signal suppression filter  :  
MA08XL - LTE 800 band  
MA08XT - LTE 700 band
- built-in attenuators for every band
- DC feeding via output connector
- for outdoor mounting
- shielded metal case inside plastic housing



Technical specifications

T Y P E		MA080L	MA080T	MA081L	MA081T	MA082L	MA082T
Ordering number		03512	03534	03513	03535	03514	03536
Gain, typical	FM (88-108 MHz)	20 dB		20 dB		20 dB	
	VHFIII (174-230 MHz)	20 dB					
	UHF (470-790 MHz)	30 dB 	-	2 x 30 dB* 	-	30 dB 	-
	UHF (470-694 MHz)	-	30 dB 	-	2 x 30 dB* 	-	30 dB 
Number of inputs		3			2		
Noise figure at 600 MHz		VHF 5 dB; UHF 3 dB					
Maximal output level		IMD3=60 dB (DIN45004B) 108 dB $\mu$ V, IMD3=60 dB 105 dB $\mu$ V					
Gain control		VHF 0 $\div$ -12 dB; UHF 0 $\div$ -15 dB					
Return loss		> 10 dB					
Current consumption		12 V 60 mA					
Operating temperature range		-20 <sup>o</sup> $\div$ +50 $^{\circ}$ C					
Dimensions/Weight (packed)		89x107x43 mm/0.18 kg					

\* both inputs are filtered