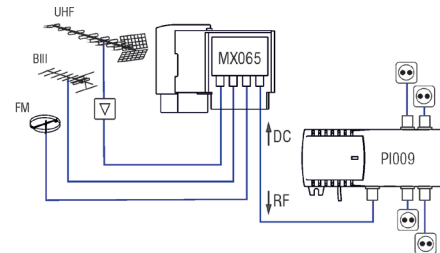




Masthead products

Multiband amplifiers


- for combining and balancing of the signals from 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	MX065	MX066A
Ordering number		03525	03526	03527	03528	03529
Gain	FM (88-108 MHz)	16 dB	30 dB	30 dB	28 dB	16 dB
	VHFIII (174-260 MHz)				28 dB	
	UHFIV (470-566 MHz)	-	-	-	22 dB	
	UHFV (590-790 MHz)	-	-	-	22 dB	
	UHF (470-790 MHz)	2x20 dB	2x34 dB	38 dB	38 dB	-
Number of inputs		3	3	2	3	3
Noise figure		VHF 6 dB; UHF 3 dB				
Maximal output level IMD3=60 dB (DIN45004B) IMD3=60 dB		108 dBμV 105 dBμV				
Gain control		VHF 0 ÷ -10 dB UHF 0 ÷ -10 dB	VHF 0 ÷ -20 dB; UHF 0 ÷ -16 dB			VHF 0 ÷ -10 dB UHF 0 ÷ -10 dB
Return loss		> 10 dB				
DC for preamplifiers (switchable)*		through UHF input				through UHFV input
Current consumption**		12 V 65 mA	12 V 80 mA		12 V 65 mA	
Operating temperature range		-20° ÷ +50 °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 from 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	MA083L	MA083T
Ordering number		03512	03534	03513	03535	03514	03536	03523	03537
Gain, typical	FM (88-108 MHz)	20 dB		20 dB		20 dB		20 dB	
	VHFIII (174-230 MHz)	20 dB		20 dB		20 dB		20 dB	
	UHF (470-790 MHz)	30 dB 	-	2x30 dB* 	-	30 dB 	-	2x20 dB* 	-
	UHF (470-694 MHz)	-	30 dB 	-	2x30 dB* 	-	30 dB 	-	2x20 dB* 
Number of inputs		3			2		3		
Noise figure at 600 MHz		VHF 5 dB; UHF 3 dB							
Maximal output level		IMD3=60 dB (DIN45004B) 108 dBμV, IMD3=60 dB 105 dBμV							
Gain control		VHF 0 ÷ -12 dB; UHF 0 ÷ -15 dB						VHF 0 ÷ -12 dB UHF 0 ÷ -12 dB	
Return loss		> 10 dB							
Current consumption		12 V 60 mA							
Operating temperature range		-20° ÷ +50 °C							
Dimensions/Weight (packed)		89x107x43 mm/0.18 kg							

* both inputs are filtered