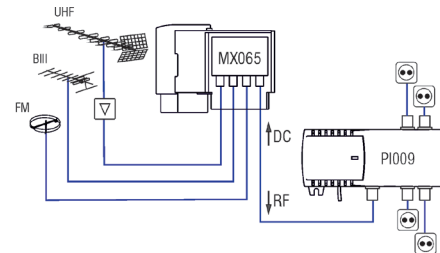




Masthead products

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	MX065		
Ordering number		03525	03526	03527	03528		
Gain	FM (88-108 MHz)	16 dB	30 dB	30 dB	28 dB		
	VHFIII (174-260 MHz)					28 dB	
	UHFIV (470-566 MHz)						-
	UHFV (590-790 MHz)						-
	UHF (470-790 MHz)						2x20 dB
Number of inputs		3	3	2	3		
Noise figure		VHF 6 dB; UHF 3 dB					
Maximal output level IMD3=60 dB (DIN45004B)		108 dBμV					
IMD3=60 dB		105 dBμV					
Gain control		VHF 0 ÷ -10 dB UHF 0 ÷ -10 dB	VHF 0 ÷ -20 dB; UHF 0 ÷ -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° ÷ +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 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		20 dB		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 dBμV, IMD3=60 dB 105 dBμV					
Gain control		VHF 0 ÷ -12 dB; UHF 0 ÷ -15 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