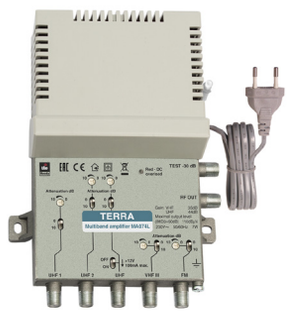
Multiband amplifiers
High power amplifiers

- for combining and balancing of the signals up to 5 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



Technical specifications

TYPE		MA074L	MA074T	MA075L	MA075T	MA076L	MA076T	MA077LC	MA077TB
Ordering number		03519	03538	03520	03539	03521	03540	03522	03541
Gain	FM (88-108 MHz)	35 dB							
	VHFIII (174-230 MHz)	35 dB							
	UHF (470-694 MHz)**	-	44 dB	-	47 dB	-	2x47 dB*	-	44 dB
	UHF (470-790 MHz)**	44 dB	-	47 dB	-	2x47 dB*	-	44 dB	-
	UHF1 (470-590 MHz)	44 dB	44 dB	-	-	-	-	-	-
	UHF1 (470-862 MHz)	-	-	-	-	-	-	44 dB	44 dB
	UHF2 (590-694 MHz)**	-	44 dB	-	-	-	-	-	-
	UHF2 (590-790 MHz)**	44 dB	-	-	-	-	-	-	-
	UHF2 (470-678 MHz)**	-	-	-	-	-	-	-	44 dB
	UHF2 (470-766 MHz)**	-	-	-	-	-	-	44 dB	-
Number of inputs		5		3		4		5	
Noise figure, typical	VHF	<6 dB	<5 dB						
	UHF	<4 dB		<3 dB		<3.5 dB		<4 dB	
Maximal output level		IMD3=60 dB (DIN45004B) 121 dBµV, IMD3=60 dB 118 dBµV							
Gain control		0 ÷ -20 dB							
Return loss		> 10 dB							
Test point		-30 dB							
DC feeding for external		12 V 100 mA max.							
Power consumption* **		230 V~ 50/60 Hz 5 W							
Operating temperature range		-20° ÷ +50° C							
Dimensions/Weight (packed)		135x180x52 mm/0.72 kg							

* both inputs are filtered

** LTE signal suppression filter on the input

*** without external DC load; with maximal external DC load - 7 W