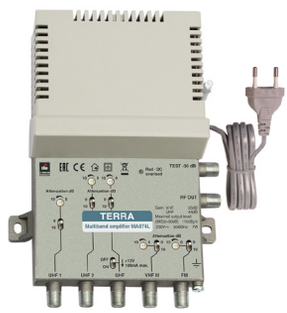
# Multiband amplifiers
# High power amplifiers

- 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