

AML 500 Series

Professional mast band amplifiers, LTE protected (700 MHz band - second Digital Dividend) immune to all signals from other services which share the radioelectric spectrum, such as mobile phones, wireless transmissions, terrestrial communications...

APPLICATION

Suitable for individual systems or small installations, with high sensitivity and output power (114 dBμV), the AML is a heavy-duty amplifier, totally adapted to the new LTE signals of the second Digital Dividend.

FEATURES

- Very low noise figure and independent from gain regulation.
- Low noise figure in the high gain models.
- Allows high input levels in the low gain models.
- LTE ready.
- The mechanical solution guarantees an exceptional immunity against noise invasion, a critical aspect for DTT reception.
- F connectors.
- Output level Test.



AMPLIFICATION



| | |
|-----------------------------|----------------|
| Supply voltage | 24 ± 10% Vdc |
| Operating temperature range | - 20... +60 °C |

| MODEL | AML 530 | | |
|----------------------------|--|----------|---------------------|
| Reference | 36651 | | |
| Nbr. of inputs | 3 | | |
| Bands | FM | BIII-DAB | UHF (470 - 694 MHz) |
| Gain | 28 | 28 | 38 |
| Gain regulation | 20 | 20 | 15 |
| Output level DIN 45004B-60 | 114 | | |
| Noise figure | 7 | 8 | 3 |
| Rejection out of band | Compliance with EN 50083-2 "Antenna Input Resistance", LTE Ready | | |
| Test output | -30 | | |
| Consumption | 80 | | |
| DC pass | — | — | 45 |
| Dimensions | 170 x 105 x 50 | | |
| Weight | 0,355 | | |

KITS AVAILABLE:

| REF. | KIT | COMPOSITION |
|-------|-----------|--------------------------|
| 36656 | AML 530 K | AML 530 K + power supply |