

Code: AWS-1243

ANTENNA AMPLIFIER **AWS-1243** AMS

The AWS-1243 is used to TV signal distribution in home antennas installations.

The amplifier allows to power additional amplifiers via the INPUT (power supply activated by a jumper). The maximum current that can be consumed by an additional amplifier is 100 mA.

The amplifier also has a gain controller that allows to set the optimal signal level in the antenna installation. Amplifier can be powered directly from included power adapter or via output with using a separator.



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|---------------------------|--|
| Frequency range: | 87 MHz ... 790 MHz |
| Number of inputs/outputs: | 1 / 3 |
| Input/output impedance: | 75 Ω |
| Connectors type: | "F" |
| Gain : | <ul style="list-style-type: none"> • A,B outputs : 21 / 25 dB ± 2 dB, • C output : 24 / 28 dB ± 2 dB |
| Gain adjustment: | 0 ... 10 dB ± 2 dB |
| S/N ratio: | ≤ 4 dB |
| Maximum output level: | C output : 104 dBμV (2kTV) |
| IMA3 60dB: | 98 dBμV |
| IMA2 60dB: | 85 dBμV |
| Return loss: | ≥ 10 dB |
| Pre-amplifiers powering: | ✓ |
| Main features: | Built-in pass-through filter 87 ... 790 MHz |
| Operation temp: | -25 °C ... 55 °C |
| Power supply: | 12 V DC / 250 mA (power adapter included) |
| Weight: | 0.3 kg |



DATA SHEET

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|-----------------------|------------------|
| Dimensions: | 125 x 88 x 26 mm |
| Manufacturer / Brand: | AMS |
| Guarantee: | 2 years |

