

Code: AWS-1242

ANTENNA AMPLIFIER **AWS-1242** AMS

The AWS-1242 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.



Frequency range:	87 MHz ... 790 MHz
Number of inputs/outputs:	1 / 2
Input/output impedance:	75 Ω
Connectors type:	"F"
Gain :	25 / 28 dB $\pm$ 2 dB
Gain adjustment:	0 ... 12 dB $\pm$ 1 dB
S/N ratio:	$\leq$ 4 dB
Maximum output level:	105 dB μ V (2kTV)
IMA3 60dB:	99 dB μ V
IMA2 60dB:	86 dB μ V
Return loss:	$\geq$ 10 dB
Pre-amplifiers powering:	✓
Main features:	Built-in pass-through filter 87 ... 790 MHz
Operation temp:	-25 $^{\circ}$ C ... 55 $^{\circ}$ C
Power supply:	12 V DC / 250 mA (power adapter included)
Weight:	0.3 kg
Dimensions:	125 x 88 x 26 mm



DATA SHEET

Manufacturer / Brand:	AMS
Guarantee:	3 years