

Code: AWS-144M

ANTENNA AMPLIFIER **AWS-144M** AMS

Net: **20.02 GBP** Gross: **20.02 GBP**

The AWS-144M is used to TV signal distribution in home antennas installations.

The amplifier has an automatic system that allows to power additional amplifiers through the INPUT. The maximum current that can be consumed by an additional amplifier is 60 mA. The voltage will be turned off if there is no amplifier in the antenna or there is a short circuit for the DC component in the installation (the AUTO DC indicator will turn off).

The amplifier also has a gain controller that allows to set the optimal signal level in the antenna installation. The regulation works while maintaining the slope of the amplifier's characteristic (compensation of the cable attenuation).

Amplifier can be powered directly from included power adapter or via output with using a separator.



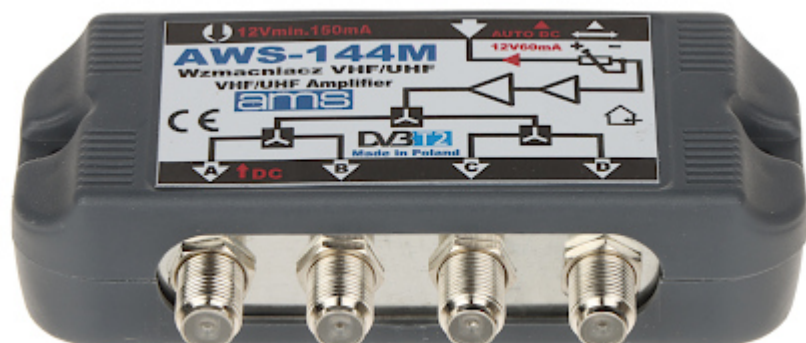
SPECIFICATION

Frequency range:	87 MHz ... 694 MHz
Number of inputs/outputs:	1 / 4
Input/output impedance:	75 Ω
Connectors type:	"F"
Gain :	14 / 17 dB \pm 1.5 dB
Gain adjustment:	0 ... 10 dB \pm 2 dB
S/N ratio:	\leq 4 dB
Maximum output level:	100 dB μ V (2kTV)
IMA3 60dB:	94 dB μ V
IMA2 60dB:	81 dB μ V
Return loss:	\geq 10 dB
Pre-amplifiers powering:	✓
Main features:	<ul style="list-style-type: none">• Built-in pass-through filter 87 ... 694 MHz• Built-in LTE filter
Operation temp:	-25 $^{\circ}$ C ... 55 $^{\circ}$ C
Power supply:	12 V DC / 150 mA (power adapter included)
Weight:	0.09 kg
Dimensions:	111 x 64 x 28 mm
Manufacturer / Brand:	AMS
Guarantee:	3 years

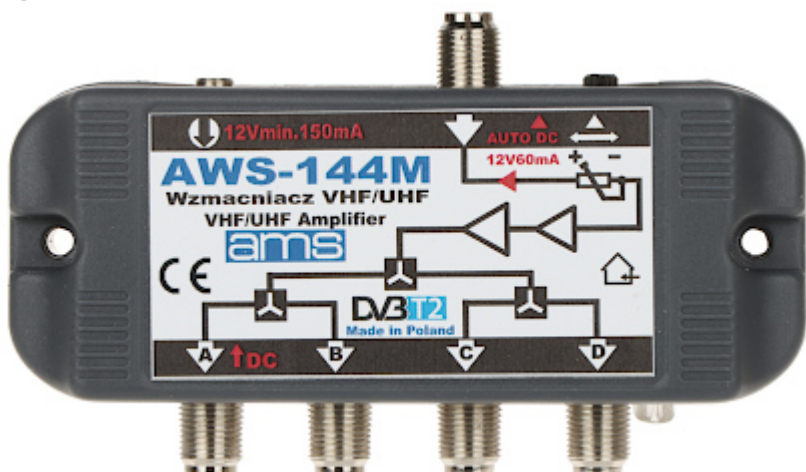
PRESENTATION

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Connectors:



Top view:



In the kit:



PACKAGE

Dimensions (L x W x H): 0x0x0 mm	Gross Weight: 0 kg
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