

Code: AM-356

## ANTENNA AMPLIFIER **AM-356** DVB-T FM/DAB

The mast amplifier is intended for operation in antenna installations designed to receive the signals of the DVB-T digital television, and the FM and DAB radio signals.

The device is powered by external power adapter. Supplying voltage is connected to the device via power separator and coaxial cable connected to its output. Amplifier supplying is indicated by power LED on.

Amplifier is designed to power from a few to several antenna outlets.

Output signal level adjustment for each of three amplifier lines is made by potentiometers, which are placed in the holes of the enclosure metal cover. By using a splash-proof enclosure made from plastic, amplifier can be mount outdoors, directly to the antenna mast.



Channels:	UHF : 21 - 69
Frequency range:	<ul style="list-style-type: none"> <li>• FM : 88 MHz ... 108 MHz</li> <li>• DAB : 160 MHz ... 260 MHz</li> <li>• UHF : 470 MHz ... 862 MHz</li> </ul>
S/N ratio:	<ul style="list-style-type: none"> <li>• 5 dB <math>\pm</math> 1 dB (FM/DAB)</li> <li>• 5.5 dB <math>\pm</math> 1 dB (UHF 1, 2)</li> </ul>
Gain :	<ul style="list-style-type: none"> <li>• 20 dB (FM/DAB)</li> <li>• 32 dB (UHF 1, 2)</li> </ul>
Gain adjustment:	<ul style="list-style-type: none"> <li>• 20 dB (FM/DAB)</li> <li>• 16 dB (UHF 1, 2)</li> </ul>
Number of inputs/outputs:	3 / 2
Operation temp:	-10 °C ... 65 °C
Maximum output level:	<ul style="list-style-type: none"> <li>• 108 dB<math>\mu</math>V (DIN 45004B)</li> <li>• 105 dB<math>\mu</math>V (IMD3-66dB)</li> <li>• 93 dB<math>\mu</math>V (IMD2-60dB)</li> </ul>
Amplifier shield:	✓
Input/output impedance:	75 $\Omega$
Connectors type:	"F"
Housing:	Plastic
Mounting:	on a mast or a wall
Power supply:	12 V DC / 45 mA
Weight:	0.210 kg



## DATA SHEET

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Dimensions:	105 x 104 x 37 mm
Guarantee:	2 years

