



A 12 AD

Active directional antenna with integral booster amplifier. The A 12 AD-UHF has a switching bandwidth of 24 MHz which can be adjusted within the range of 450–960 MHz. The integral booster amplifier directly receives the necessary DC power via the antenna cable from the receiver. Compatible with EM 3031/3032/3532.

Features—Benefits

- Enhanced Reception via wide bandwidth active antenna
- 10–14 dB of RF gain
- Lightweight
- Mounts on a standard microphone stand of boom

Technical Data

Antenna

Antenna type	log-periodic
Frequency band	450–960 MHz
Angle of acceptance	approx. 100°
Front-to-back ratio	14 dB
Gain over half-wave dipole	approx. 3 dB
Connector	BNC socket, 50
Dimensions in inches	11.02 x 11.02 x 1.58
Weight (incl. amplifier)	approx. 12.3 oz

Amplifier

Tuner range	450–960 MHz
Effective bandwidth (-1 dB)	24–30 MHz
Amplification	10–14 dB
Intermodulation attenuation	80 dB
Operating Voltage	11–18 V (via antenna cable)
Current consumption at 11/18 V	55/65 mA

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