

AM Antenna for EAS



This antenna is an untuned shielded loop antenna that can be used for receiving AM signals by EAS receivers. The original design was from a Radio Magazine article by Chris Scherer. The original source was thought to be a Motorola AM Stereo bulletin, issue 3 from 1989.

The antenna should be pointed parallel to the signal to be received although the angle of reception is fairly broad. There is however, a sharp null when the antenna is perpendicular to the received signal so it can be used to notch out an offending signal if needed.

An "F" connector is at the bottom of the rectangular box and 75 ohm coax can be used to connect to the receiver. It is recommended that a lightning arrestor be used between the antenna and the receiver. These can usually be obtained locally. Amazon also sells them.

The antenna can be fitted with a BNC connector instead if the antenna is to be used for NRSC measurements.

Shipping is not trivial due to the size of the antenna so be aware of that.

Pricing (not including shipping) is as follows:

\$135.00 – no mounting hardware (needed for masts larger than 2")

\$150.00 – zinc plated mounting hardware (good for masts up to 1.8")

\$180.00 - stainless steel mounting hardware (for masts up to 2")

The antenna is 41" tall and 26" wide. It weighs 4 lbs. The antenna is designed to be weatherproof. The antenna can be opened to make repairs if necessary.

The antenna can be ordered through Beckwith Technical Systems. The email address is kebeckwith@gmail.com