

FFM-1

- FAR FIELD MONITOR
- YAGI ARRAY
- BROADBAND

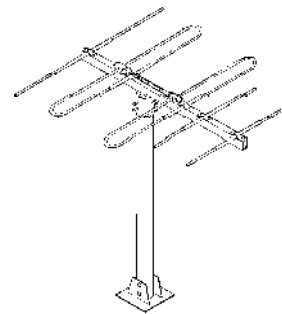


Applications

The FFM-1 is a five element Yagi array antenna used primarily for monitoring the signal of a localizer array used in air navigation instrument landing systems.

Features

The antenna consists a rectangular aluminum support boom with two driven elements, one parasitic reflector, and two parasitic directors mounted to it. The driven elements are folded dipole designs giving broadband performance over the 108-112 MHz range. The optional antenna support is designed for FAA frangibility requirements. The antenna is designed to mount to a 2-¹/₂" IPS pipe.



SPECIFICATIONS

Frequency Range	108-112 MHz
Polarization	Horizontal
Gain	6 dBi
Input Impedance	50 Ohms unbalanced
Input Power	100 W avg
VSWR	1.5:1
Front to Back Ratio	14 dB
Maximum Width	53- ³ / ₄ "
Length	65- ³ / ₄ "
Height	9- ¹ / ₄ "