

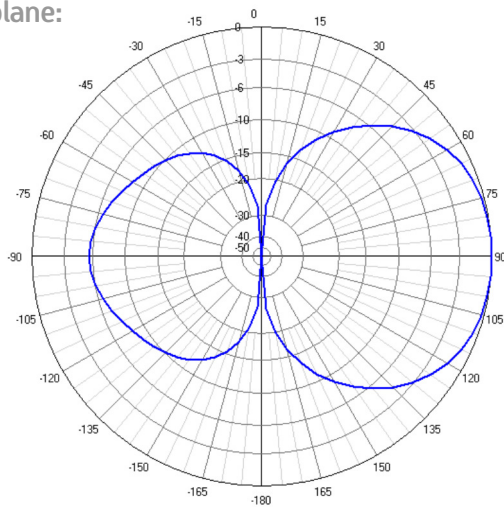


Wideband 88-108 Folded Dipole FM Antenna

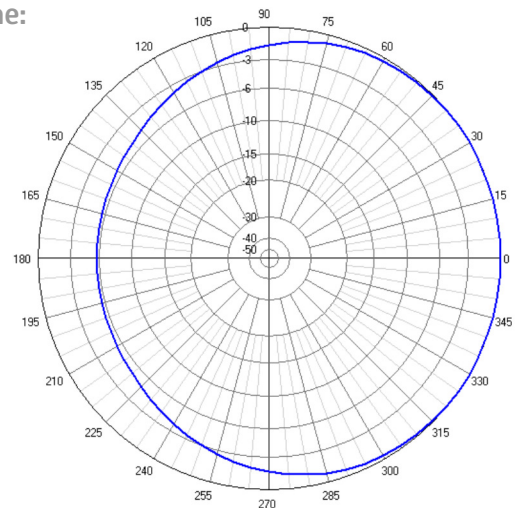
FMANT-03



E-plane:



H-plane:



- ### Features
- Wideband frequency use (88-108MHz)
 - Rugged construction
 - DC ground for static protection
 - Mounting hardware supplied
 - Made in Great Britain

- ### Applications
- Major FM broadcast networks
 - Community or campus radio
 - Frequency agile emergency broadcasts
 - Roof-top or mast sites
 - Stacked antenna systems

Folded dipole FM broadcast antennas are often advertised as omnidirectional. With no metal support pole or obstructions nearby, that might be true. However, our polar diagrams above show a more accurate portrayal of real world deployment, mounted on a 2" pole at full boom length. This antenna is DC ground for static protection and supplied with mounting hardware to fit poles of up to 2 inch diameter (50.2mm).

Manufactured to survive adverse weather conditions, this antenna ensures reliable service year after year.

Specifications

| | | | |
|-------------|--------------------------------------|----------------------|---------------------------------|
| Dimensions: | 100 x 900 x 100 (mm) typical (98MHz) | Power: | 300W |
| Weight: | 1.7kg | Beamwidth (E-plane): | 80 degrees @ -3dB |
| Frequency: | Wideband (88-108MHz) | Beamwidth (H-plane): | Typically 220 degrees (on pole) |
| Gain: | 0dBd (2.15dBi) in free space only | Impedance: | 50 ohms |
| VSWR: | <1.5:1 | Connector: | N-type |

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