

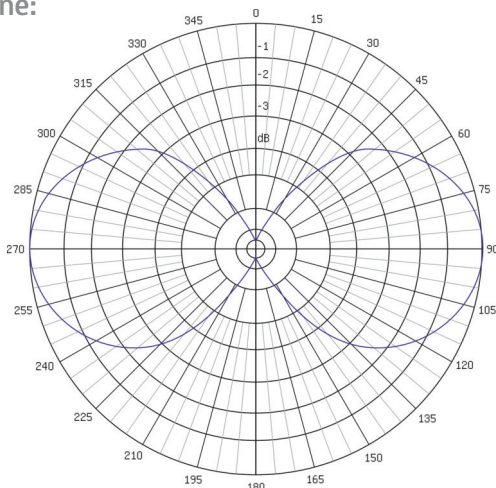


# Wideband 88-108 Folded Dipole FM Antenna

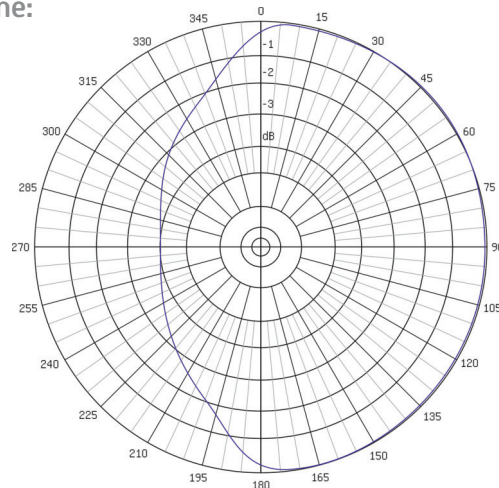
FMANT-01



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

Centre-fed FM broadcast dipoles antennas are often described as omnidirectional. With no metal support pole or obstructions nearby, that might be true. However, our 'H'-plane polar diagram 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:	Specify. Or wideband option (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

## Lucoro Broadcast

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