



VHF FM Crossbow(88-108MHz) Panel Antenna

JM's FM Crossbow Antenna is an antenna in the VHF FM 88-108MHz band, which provides excellent characteristics better than VSWR 1.1:1 over whole Band, so even when combining multiple broadcast channels the performance is outstanding. In addition, it is easy to carry and install in a compact size of 2m x 2m.

Key Features

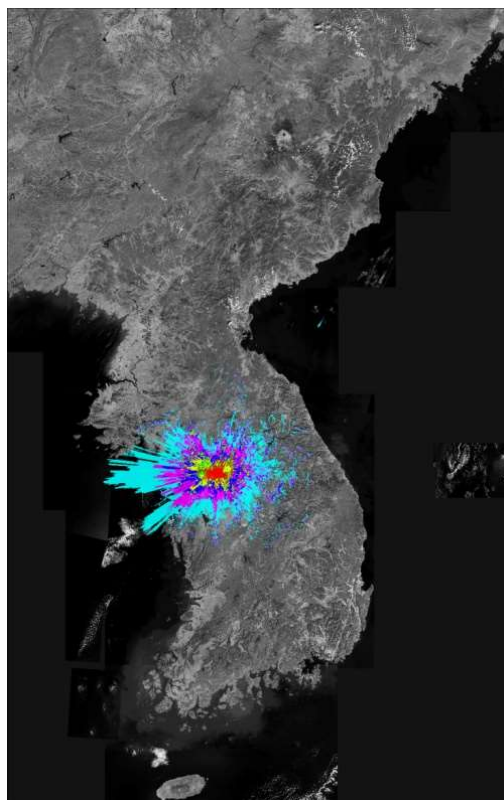
- Wideband & High Power
Multiple channels can be combined and used
- Galvanized Steel
Durable with Hot Dipped Galvanized Steel
- Compact Size
2000 x 2000mm small size makes installation easy and minimizes wind load.
- Pattern Works by professional antenna simulation program is provided in advance. – Provides precise radio wave data created by high resolution 3D map (over 95% accuracy).

Specifications in brief

Description	Specifications
Frequency range	FM(88-108MHz Broadband)
Polarization	Circular polarization
Return loss	FM(88-108MHz Broadband) > 26.4dB
Power rating	3.3kW with 7/16 DIN Input
	5kW with 7/8" EIA Flange Input
Input impedance	50Ω
Gain (1Panel)	4.9dB per plane
Panel front-back ratio	Better than 15dB
Aerodynamic Area	Front 2.1 sqm. Side 0.7 sqm
Lightning protection	DC Grounded
Weight	98kg



FM CP Dipole Antenna in Mt. Daeryong



FM Antenna Simulation