

Band II Folded Dipole Antenna

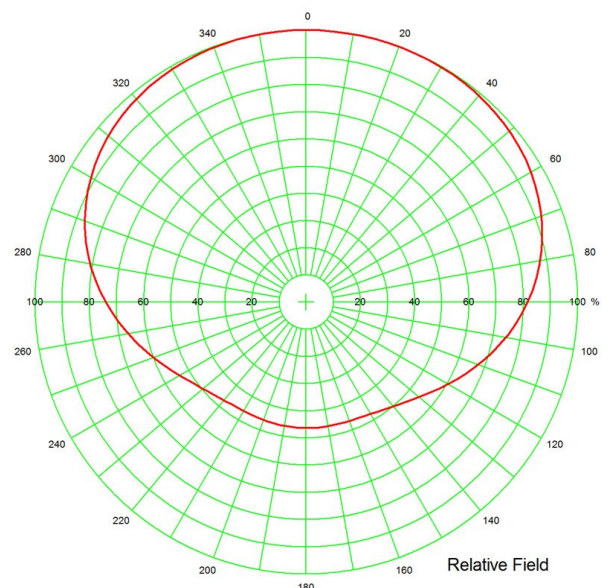


Typical Electrical Specifications	
Frequency Range	88MHz to 108MHz
Return Loss dB	<-14dB
VSWR	<1.5:1
HRP Beamwidth	203
Front to back ration	6dB
Polarization	Vertical
Connector	Type "N"

Mechanical Data	
Dipole	Ø 15.8mm (5/8") aluminum with 1.6mm (16swg) wall
Support boom	31.75mm (1 1/4") square aluminum with 1.6mm (16swg) wall
Weight	6kg / 14lbs
Weather protection	Feed point potted in polyurethane resin

3dB Beamwidth and Gain Table				
No of Bays	Gain dBd	Beamwidth VRP	Max Power	Kg/lbs
1	2.8	73	300W	6/14
2	5.1	29	300W (limited by input power divider)	25/55
4	8.9	13	300W (limited by input power divider)	35/77
6	10.4	8.5	300W (limited by input power divider)	40/89
8	11.7	6.4	300W (limited by input power divider)	55/122

N.B. If higher power ratings are required please contact the factory





FM ANTENNA SPECIFICATIONS

JFWD -1

ANTENNA TYPE: JFWD-1

ANTENNA DESCRIPTION: Band II Folded Dipole Antenna

ELECTRICAL SPECIFICATIONS

Power gain: 2.8 dBd
Array Configuration: 1 Bay
Electrical beam tilt: 0°
Null fill: 0%
Antenna VSWR: <1.5:1
Max Power Rating: 300 watts
Antenna input impedance: 50 ohm
Antenna input connector size, EIA: Type "N"

NOTE: THESE SPECIFICATIONS ARE PREDICTIONS BASED ON AVAILABLE DATA. THE ACTUAL PERFORMANCE MAY DIFFER FROM THESE DUE TO THE ELECTRICAL, MECHANICAL AND MEASURED LIMITATIONS AT YOUR FREQUENCIES.



FM ANTENNA SPECIFICATIONS

JFWD-2

ANTENNA TYPE: JFWD-2

ANTENNA DESCRIPTION: Band II Folded Dipole Antenna

ELECTRICAL SPECIFICATIONS

Power gain: 5.1 dBd
Array Configuration: 2 Bays
Electrical beam tilt: 0°
Null fill: 0%
Antenna VSWR: <1.5:1
Max Power Rating: 300 watts
Antenna input impedance: 50 ohm
Antenna input connector size, EIA: Type "N"

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