



JFWD

Band II Folded Dipole Antenna



Typical Electrical Specifications

Frequency Range	87.5MHz to 108MHz
Return Loss dB	<-14dB
VSWR	<1.5:1
HRP Beamwidth	203
Front to back ratio	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

