

FOLDED DIPOLE



MECHANICAL SPECIFICATION		
Termination	3m RG213 Mil Spec Coaxial Cable + N Type Female	
Construction	Aluminium Alloy Tube 6063T6 to BS 1474	
Elements	12.7mm X 1.6mm Wall	
Support Beam	31.7mm X 2.6mm Wall	
Fasteners	Stainless Steel Grade A2-70 to BS6105	
Saddle Clamp	Diecast Zinc Alloy	
Insulator	Epoxy Resin Encapsulated	
Protection	Direct Grounded	
Weight	80MHz 160MHz 450MHz	2.6Kg 2.3Kg 1.9Kg
Length	80MHz 160MHz 450MHz	1.3M 1.0M 1.0M
Wind Loading @ 45 m/s	80MHz 160MHz 450MHz	134N 101N 66N

ELECTRICAL SPECIFICATION	
Frequency Range	68-470MHz
Impedance	50 Ohms
Bandwidth	22%
VSWR	<1.5: 1
Max Power	150W
Polarisation	Vertical
Gain	1.5dBd
Front to Back Ratio	4dB
H Plane Beam width	200
E Plane Beam width	85

ORDERING INFORMATION	
2002	Folded Dipole Low Band
2003	Folded Dipole 136-145MHz
2004	Folded Dipole High Band 156-175
2005	Folded Dipole TETRA 380-420 MHz
2006	Folded Dipole UHF
RECOMMENDED ACCESSORIES	
2110	Standard Yagi Clamp
2117/2118	Heavy Duty Clamp