

## B16

UHF 400-520MHz

### Mast Mount Coaxial Dipole

The B16 coaxial dipole provides an economical fixed position antenna solution with no compromise in either quality of construction or performance. It is ideal for omnidirectional low power transmit and receive applications up to 100 Watts.

Mounting clamps, coaxial feeder cables, connectors and other installation accessories are all available separately.

Specifications	B16
Construction	White radome, aluminium mount tube
Frequency Range	UHF 400-520MHz
Maximum Bandwidth	Specify any 3%
Return Loss, VSWR	<1.5:1 VSWR across specified bandwidth
Tuning	Factory
Gain	0 dBd
Maximum Power	100 Watts
Impedance (nominal)	50 Ohms
DC Grounding	Yes
Polarisation	Vertical
H Plane	360° Omnidirectional
E Plane	66°
Connector	N-type female in base of mount section
Height at Lowest Frequency	1.5 metres (400MHz)
Weight	1.5Kg
Projected Area	0.035m <sup>2</sup>
Wind Load at 160kph	3.5kG, 0.035kN
Mount Tube Diameter	25mm
Mounting Accessories (order separate)	2 x EB1-SS or 1 x UB3-SS
Mounting Position (recommended)	Mount as high as possible on your structure, mast or tower using the appropriate mounting clamp/s

