

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

Specifications	B16
Construction	White fibreglass radome, aluminium mount section and tri-metal plated termination
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° omni-directional
E Plane	66°
Connector	N-type female in base of mount section
Height at lowest frequency	1.5 metres
Weight	1.5kg
Projected area	0.035m ²
Wind load at 160kph	3.5kg, 0.035kN
Mount section	500mm x 25mm anodised aluminium
Mounting hardware (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



EB1-SS



UB3-SS