

B1050

UHF 1050MHz

Mast mount coaxial dipole

The B1050 UHF 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	B1050
Construction	White fibreglass radome, aluminium mount section and cap and chrome termination
Frequency range	ADS-B UHF 1050MHz
Maximum bandwidth	Specify any 3% or transmit and receive when ordering
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, ± 0.5 dBd
E Plane	66°
Connector	N-type female in base of mount section
Height at lowest frequency	1.0 metres
Weight	900grams
Projected area	0.02m ²
Wind load at 160kph	2.0Kg, 0.025kN
Mount section	25mm x 400mm
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 clamps

