

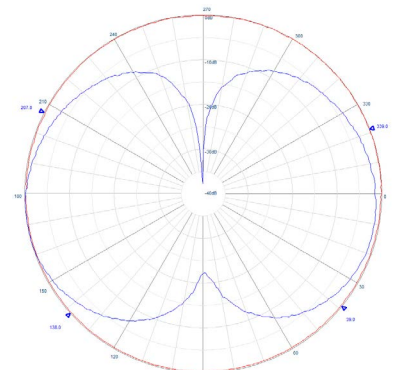
B1050

Omni-directional coaxial dipole ADS-B In/Out 1090MHz

The B1050 ADS-B In/Out coaxial dipole provides an economical fixed position antenna solution with no compromise in either quality of construction or performance. It is ideal for omni-directional low power Automatic Dependent Surveillance - Broadcast applications up to 100 Watts.

Mounting hardware, 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 In/Out 1090MHz
VSWR	<1.5:1 at set frequency
Tuning	Factory
Gain	0dBd
Maximum power	100 Watts
Impedance - nominal	50 Ohms
DC grounding	Yes
Polarisation	Vertical
H Plane	360° omni-directional, ± 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



Sample radiation pattern