

B55AL

Air Band 118-136MHz

Scaled aluminium monocone

The B55AL monocone is an economical and effective antenna for airport communications. Using the lower section of the Air Band for transmit, the sliding radials can be easily field tuned to receive within the frequency range 118 to 136MHz.

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

Specifications	B55AL
Construction	Grey radome, aluminium radials and mount tube
Frequency	Air Band 118-137MHz
Bandwidth	Specify any 8MHz when ordering
Return loss, VSWR	<1.5:1 across bandwidth
Tuning	Factory - radials can be field tuned if required
Gain	0 dBd
Maximum power	200 Watts
Impedance - nominal	50 Ohms
DC grounding	Yes
Polarisation	Vertical
H Plane	360° omni-directional, ± 0.5 dBd
E plane - Vertical	74°
Cable tail	1.0 metre RG213
Connector	N-type female fitted to cable tail
Height	1.5 metres
Radial width	1.3 metres overall - 650mm each side
Weight	3.1kg
Projected area	0.143m ²
Wind load at 160kph	12.7kg
Mount section	38mm x 300mm
Mounting hardware (order separate)	Mast mount: 2 x EB1-SS or 1 x UB3-SS Side/wall mount: 2 x NSM-218

