

B55AL

Air Band 118-136MHz

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 clamps, 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 118-136MHz
Bandwidth	Any 8MHz (specify frequency range 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° omnidirectional, ± 0.5 dBd
E plane	74° (vertical beamwidth)
Cable Tail	1 metre RG213
Connector (fitted)	N-type female
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 Tube	38mm
Mounting Accessories (order separate)	2 x EB1-SS or 1 x UB3-SS

