

## B14 and B18

Air Band 118-136MHz

Omni-directional coaxial dipoles

The B14 and B18 omni-directional coaxial dipoles are effective and economical Air Band antenna solution.

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

Specifications	B14	B18
Construction	White fibreglass radome, aluminium mount tube	White fibreglass radome, stainless steel mount tube
Frequency range	Air Band 118-136MHz	
Maximum bandwidth	Specify any 3% or Transmit and Recieve when ordering	
Return loss, VSWR	<1.5:1 across specified bandwidth	
Tuning	Factory	Factory
Gain	0 dBd	0 dBd
Maximum power	100 Watts	100 Watts
Impedance - nominal	50 Ohms	50 Ohms
DC grounding	Yes	Yes
Polarisation	Vertical	Vertical
H Plane	360° omni-directional, ± 0.5dB	
E Plane	46°	46°
Connector	N-type female in base of mount section	
Height at 118MHz	3 metres, at higher frequencies, height will reduce	
Weight	1.0Kg	1.9Kg
Projected area	0.05m <sup>2</sup>	0.05m <sup>2</sup>
Wind load at 160kph	6.0Kg, 0.08kN	
Mount section	500mm x 30mm	
Mounting requirements	At 118MHz, minimum 2 metre distance from any vertical structure	
Mouting hardware (order seperate)	2 x EB1-SS or 1 x UB3-SS	

