

B14 and B18

Air Band 118-136MHz

Coaxial Dipoles

The B14 and B18 omnidirectional coaxial dipoles are effective and economical Air Band antenna solution.

Mounting clamps, 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	Any 3% (specify 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° omnidirectional, ± 0.5dB	
E Plane	46°	46°
Connector	N-type female in base of mount section	
Height (at 118MHz)	3 metres (higher frequencies, radome reduces slightly)	
Weight	1.0Kg	1.9Kg
Projected Area	0.05m ²	0.05m ²
Wind Load at 160kph	6.0Kg, 0.08kN	
Mount Tube	500mm x 30mm	
Mounting Situation	At 118MHz, 2 metre distance from vertical structure	
Mouting Accessories (order seperate)	2 x EB1-SS or 1 x UB3-SS	

