

B42 and B42SS

Air Band 118-136MHz

Sidemount Dipole

The B42 sidemount dipoles are for Air Band communications across the entire 118 to 136MHz. The exceptionally broad bandwidth and reliable construction make a sidemount dipole perfect for use as a fixed position antenna.

Traditionally folded dipoles are mounted so as to use the mast as a reflector. Pattern formation and gain can be varied by altering dipole to mast spacing, or by mounting in stack array formations.

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



Specifications	B42	B42SS
Construction	Aluminium	Stainless Steel
Frequency Range	Air Band 118-136MHz	
Bandwidth	Full band	Full band
VSWR	<1.5:1 VSWR full band	
Tuning	Factory	Factory
Gain	0 dBd for a single bay, stacking increases gain	
Maximum Power	250 Watts	250 Watts
Impedance (nominal)	50 Ohms	50 Ohms
DC Grounding	Yes	Yes
Polarisation	Vertical	Vertical
Cable Tail	1 metre RG213	
Connector (fitted)	N-type female	N-type female
Dipole Height	1.035 metres	
Weight	2.5Kg	3.8Kg
Projected Area	0.054m ²	0.054m ²
Wind Load at 160kph	6.5Kg	6.5Kg
Mount Tube	1.0m x 40mm	
Mounting Accessories (order separate)	1 x Y2300	1 x Y2300-SS

