

Air Band, VHF & UHF Sidemount Dipoles

This selection of sidemount dipoles are designed for use in Air Band, VHF or UHF communication systems. Each model covers one of the designated bands.

The exceptionally broad bandwidth and reliable construction make sidemount dipoles perfect for use as a base station antenna.

Mounting clamps, coaxial feeder cables, connector and other installation accessories are all available separately.

Specifications	B42	B43	B44
Construction	Aluminium, for stainless models add "SS"		
Frequency Range	Air Band 118-136MHz	VHF 148-174MHz	UHF 400-520MHz
Bandwidth	Full band	Full band	Full band
Return Loss, VSWR	Better than -15dB, <1.5:1 across bandwidth		
Tuning	Factory	Factory	Factory
Gain	0 dBd for a single bay, stacking increases gain		
Maximum Power	250 Watts	250 Watts	250 Watts
Impedance (nominal)	50 Ohms	50 Ohms	50 Ohms
DC Grounding	Yes	Yes	Yes
Polarisation	Vertical	Vertical	Vertical
Cable Tail	1 metre RG213	1 metre RG213	50cm RG58
Connector (fitted)	N-female	N-female	N-female
Dipole Height	1.035 metre	0.785 metre	29cm
Weight	2.5Kg aluminium 3.8Kg S/Steel	2.0Kg aluminium 3.0Kg S/Steel	0.5Kg aluminium 0.8Kg S/Steel
Projected Area	0.054m ²	0.047m ²	0.011m ²
Wind Load at 160kph	6.5Kg	5.7Kg	1.274Kg
Mount Tube	1m long x 40mm diameter	1m long x 40mm diameter	30cm long x 32mm diameter
Mounting Accessories (order separately)	Y2300 for aluminium Y2300 for stainless steel		RB8 for Alum. UB2 for S/Steel

B44



B44SS



B43

