

## B43 & B44

VHF 148-174MHz or UHF 400-520MHz

### Sidemount Dipoles

This selection of sidemount dipoles are designed for 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 fixed position antenna.

Coaxial feeder cables, bird-proofing, connectors and other installation accessories are all available separately.

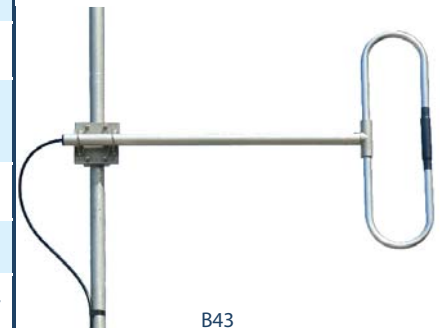
Specifications	B43	B44
Construction	Aluminium, for stainless models add "SS"	
Frequency Range	VHF 148-174MHz	UHF 400-520MHz
Bandwidth	Full band	Full band
Return Loss, VSWR	<1.5:1 across bandwidth	
Tuning	Factory	Factory
Gain	0 dBd for a single bay, stacking increases gain	
Maximum Power	250 Watts	250 Watts
Impedance (nominal)	50 Ohms	50 Ohms
DC Grounding	Yes	Yes
Polarisation	Vertical	Vertical
Cable Tail	1 metre RG213	500mm RG58
Connector (fitted)	N-type female	N-type female
Dipole Height	785mm	290mm
Weight	2.0Kg aluminium 3.0Kg S/Steel	0.5Kg aluminium 0.8Kg S/Steel
Projected Area	0.047m <sup>2</sup>	0.011m <sup>2</sup>
Wind Load at 160kph	5.7Kg	1.274Kg
Mount Tube	1.0m long x 40mm diameter	300mm long x 32mm diameter
Mounting Accessories (order separately)	1 x Y2300 or 1 x Y2300-SS	1 x RB8 or 1 x UB2-SS
Mounting Position (recommended)	Mount as high on your structure, mast or tower as possible using the appropriate mounting clamps.	



B44



B44SS



B43