

## VHF sidemount dipoles

### VHF 38-85MHz

These VHF sidemount dipoles provide exceptionally broad bandwidth with each model covering an entire communication band. They are perfect for use as a fixed position antenna in low band communication systems and numerous other applications

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

Specifications	B39	B40	B41
Construction	Aluminium	Aluminium	Aluminium or add SS for 304 stainless steel
Frequency range	VHF 38-44MHz	VHF 45-50MHz	VHF 70-85MHz
Bandwidth	Full band	Full band	Full band
Return loss, VSWR	<1.5:1 across full band		
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 - rear exits from mounting section		
Connector	N-type female fitted to cable tail		
Dipole height	3.0 metres	2.7 metres	2.0 metres
Weight	7.0kg	4.0kg	2.8kg in aluminium 3.9kg in S/Steel
Projected area	0.167m <sup>2</sup>	0.162m <sup>2</sup>	0.129m <sup>2</sup>
Wind load at 160kph	0.198kN	0.193kN	0.153kN
Mount tube	3.0m x 48mm	3.0m x 48mm	1.8m x 40mm
Mounting hardware (order separate)	1 x Y2300 or 1 x Y2300-L		1 x Y2300 - B41 1 x Y2300SS - B41SS
Mounting requirements	Ensure drain hole is facing downwards when vertically polarised		



Y2300 for 30-50mm



Y2300-L for 40-75mm