

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

Specifications	B39	B40	B41
Construction	Aluminium	Aluminium	Aluminium or add SS for 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	1 metre RG213	1 metre RG213
Connector (fitted)	N-female	N-female	N-female
Dipole Height	3.0 metres	2.7 metres	2.0 metres
Weight	7Kg	4Kg	2.8Kg in Aluminium 3.9Kg in S/Steel
Projected Area	0.167m ²	0.162m ²	0.129m ²
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 Accessories (order separate)	1 x Y2300		1 x Y2300 - B41 1 x Y2300SS - B41SS

