

B620

Sidemount dipole

UHF 540-700MHz

The B620 sidemount dipole is designed for UHF communication systems working within the 540-700MHz range. The exceptionally broad bandwidth and reliable construction make sidemount dipoles perfect for use as a fixed position antenna.

Filters, mounting hardware, coaxial feeder cables, bird-proofing and other installation accessories are all available separately.

Specifications	B620	B620-SS
Construction	Welded corrosion resistant aluminium body and external cable	Welded 304 stainless steel body and external cable
Frequency range	UHF 540-700MHz	
Bandwidth	Specify any 100MHz within band when ordering	
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	500mm RG58 A/U MIL-SPEC - rear exit from antenna	
Connector	N-type female fitted as standard or specify requirements	
Dipole height	220mm	220mm
Weight	2.0kg	3.0kg
Projected area	0.14m ²	0.14m ²
Wind load at 160kph	Front: 0.367kg, 0.004kn Side: 1.715kg, 0.017kn	Front: 0.366kg, 0.004kn Side: 1.713kg, 0.017kn
Mount section	260mm x 32mm	260mm x 31.8mm
Mounting hardware (order separate)	1 x RB8 right-angle 1 x UB3-SS parallel	
Mounting position (recommended)	Mount as high on your structure, mast or tower as possible using the appropriate mounting hardware.	



RB8

UB3-SS