

Y309BB

VHF Dual Dipole Yagi

The Y309BB is a 9 element dual dipole broadband base station yagi specifically designed and manufactured for the VHF 148 - 230MHz range.

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

Specifications	Y309BB	Y309BB-SS
Construction	Aluminium	Stainless Steel (304 grade)
Frequency Range	VHF 148-230MHz	
Bandwidth	20MHz (specify when ordering)	
Tuning	Factory	Factory
Return Loss, VSWR	Better than -15dB, <1.5:1 across specified bandwidth	
Number of Elements	9	9
Gain (nominal)	9 dBd	9 dBd
Polarisation	Mount Horizontal or Vertical as required	
Maximum Power	250 Watts	250 Watts
Impedance	50 Ohms	50 Ohms
H Plane	68°	68°
E Plane	50°	50°
Front-to-Back Ratio	<25dB	<25dB
Connector (fitted)	N-female fitted to 1.4 metres RG213	
Boom Length	3.5 metres	3.5 metres
Longest Element	1.2 metres	1.2 metres
Weight	7.4Kg	7.4Kg
Projected Area	0.258m ²	0.258m ²
Wind Load at 160kph	30Kg	30Kg
Strut Kit (order separate)	YS1-23 or YS2-23	
Mounting Accessories	1 x Y2300 (order separately)	1 x Y2300-SS (order separately)

