

B113SS

VOR/ILS Sidemount Dipole

108-118MHz

The B113SS sidemount dipole is designed for V.O.R. (VHF Omni-directional Range) and I.L.S. (Instrument Landing System) aviation navigation between ground systems and an aircraft.

Traditionally folded dipoles are mounted so as to use the mast as a reflector. Pattern formation and gain can be varied by altering dipole to mast spacing, or by mounting in stack array formations.

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

Specifications	B113SS
Construction	304 stainless steel dipole and mounting section
Frequency range	108 - 118MHz
Bandwidth	Full band
Return loss, VSWR	Better than -15dB or 1.5:1 VSWR
Tuning	Factory
Gain	0 dBd - stacking will increase gain
Maximum power	250 Watts
Impedance - nominal	50 Ohms
DC grounding	Yes
Polarisation	Vertical
Cable	1.0m RG213 rear exit from mount section
Connector	N-type female fitted to cable
Dipole height	1.3 metre
Weight	2.1kg
Projected area	0.081m ²
Wind load at 160kph	9.8kg, 0.096kN
Mount section	1.3m x 38.1mm
Mounting hardware (order separate)	1 x Y2300-SS

