

B113SS

VOR/ILS Sidemount Dipole

The B113SS sidemount dipole is designed for VOR (VHF Omnidirectional range) and ILS (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 clamps, coaxial feeder cable, connectors and other installation accessories are all available separately.

Specifications	B113SS
Construction	Stainless Steel
Frequency Range	108 - 118MHz
Bandwidth	Full band
Return Loss, VSWR	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 Tail	1.0m
Connector (fitted)	N-female
Dipole Height	1.3 metre
Weight	2.1Kg
Projected Area	0.081m ²
Wind Load at 160kph	9.8Kg, 0.096kN
Mount Tube	1.3m x 38.1mm
Mounting Accessories	1 x Y2300SS (order separately)

