

B300SS

Semi-omnidirectional wideband sidemount dipole

VHF & UHF 230-320MHz



The B300SS is a sidemount dipole specifically designed and manufactured for VHF 230-320MHz. This antenna can be stacked into an array to produce higher gain and standoff distance from your structure or tower can be changed to increase forward gain.

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

Construction	304 grade stainless steel components, external coaxial cable and termination
Frequency range	VHF & UHF 230-320MHz
Bandwidth	Full frequency range stated or specify requirements
Tuning	Factory
VSWR	<1.2:1
Gain	0dBd for a single bay, stacking increases gain
Maximum power	500 Watts per bay
Impedance	50 Ohms
DC grounding	Yes
Polarisation	Mount horizontal or vertical as required
H Plane	Semi-omnidirectional
Cable	1.0 metre MIL-SPEC RG213 - rear exit from mount section
Connector	N-type female fitted to cable
Dipole height	436mm
Weight	3.0kg
Projected area	0.045m ²
Mount section	1.0m x 38mm
Wind load at 160kph	5.5kg, 0.055kN
Mounting hardware order separate	1 x Y2300SS - 30-50mm capability 1 x Y2300SS-L - 40-75mm capability or 1 x Y2300SS-XL 60-90mm capability
Installation tools required	8mm or 5/16" spanner for dipole to mount section securing



Cable exit from rear of handle



N-type female fitted



Y2300SS



Y2300SS-L



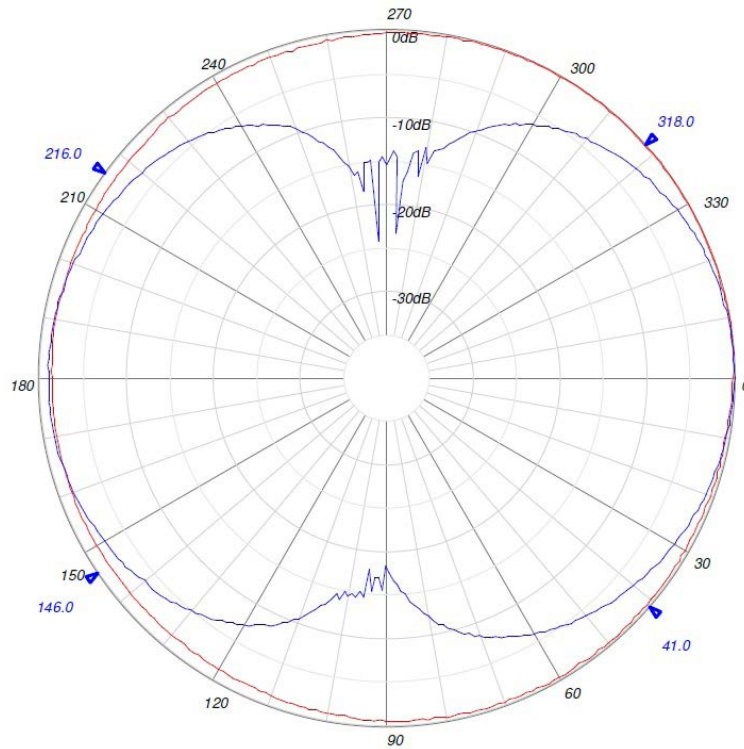
Y2300SS-XL



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Example radiation pattern