

B45

UHF 520-620MHz Sidemount dipole

The B45 sidemount dipole is designed and manufactured for the UHF 520-620MHz communication systems. The exceptionally broad bandwidth and reliable construction make the B45 sidemount dipole perfect for use as a fixed position antenna.

Mounting hardware, coaxial feeder cables, cavity filters and other installation accessories are all available separately.

Specifications	B45
Construction	Welded aluminium dipole body and mount section and cable assembly
Frequency range	UHF 520-620MHz
Bandwidth	Full band
Return loss, VSWR	Better than -15dB or 1.5:1 VSWR
Tuning	Factory
Gain	0dBd - stacking increases gain
Maximum power	250 Watts
Impedance - nominal	50 Ohms
DC grounding	Yes
Polarisation	Vertical
Cable tail	500mm RG58 - rear exits from mount section
Connector	N-type female fitted to cable tail
Dipole height	240mm
Weight	0.5kg aluminium
Projected area	0.009m ²
Wind load at 160kph	1.103kg, 0.011kN
Mount section	295mm long x 32mm diameter
Mounting hardware (order separate)	1 x RB8 or 1 x UB2-SS
Mounting position (recommended)	Mount as high on your structure, tower or mast as possible using the appropriate mounting hardware



RB8



UB2-SS