

B65 & B88 Series

UHF 600-960MHz

Flange or Mast Mount Sidemount Dipoles

These sidemount dipoles provide genuine broadband coverage in the UHF frequency range 600 to 960MHz.

Traditionally folded dipoles are mounted so as to use the mast or tower 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 cables, connectors and other installation accessories are all available separately.

Specifications	B65 and B65F	B88 and B88F
Construction	Stainless Steel	Stainless Steel
Frequency Range	UHF 600-820MHz	UHF 800-960MHz
Bandwidth	Full band	Full band
Tuning	Factory	Factory
Return Loss, VSWR	<1.5:1 across full band	
Gain	0 dBd for a single bay, stacking increases gain	
Maximum Power	25 Watts	25 Watts
Impedance (nominal)	50 Ohms	50 Ohms
E and H Plane	Varies according to the mounting arrangement	
Polarisation	Mount Horizontal or Vertical as required	
DC Grounding	Yes	Yes
Cable Tail	600mm RG58 Low Loss (bottom exits mount section)	
Connector (fitted)	N-type female	N-type female
Dipole Height	190mm	150mm
Mount Tube Length	300mm	300mm
Mount Tube Diameter	25mm	25mm
Weight	420grams	400grams
Mounting B65 & B88	1 x RB8 (order separate)	
Mounting B65F & B88F	PVC flange fitted to base, mount using 2 screws or bolts	
Mounting Position (recommended)	Mount as high as possible on your structure, mast or tower using the appropriate bracket or flange mount	



B88



B65F



B65