

## B46B Series

### FM Radio Sidemount Dipoles

Sidemount dipoles are an ideal choice for use as an FM radio broadcast antenna. They are of reliable construction, cover a broad bandwidth and permit single antenna sharing with multiple FM transmit frequencies.

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

Specifications	B46B	B46BSS	B46BHPSS
Construction	Aluminium	Stainless Steel (304 grade)	
Frequency Range	FM 87.5-108.5MHz		
Bandwidth	Full band		10MHz (specify)
Tuning	Factory	Factory	Factory
Return Loss	Better than 1.3:1 VSWR		Better than 1.2:1 VSWR
Gain	0 dBd for a single bay, stacking increases gain		
Polarisation	Vertical	Vertical	Vertical
Impedance	50 Ohms	50 Ohms	50 Ohms
Cable Tail	1.5 metres RG213		1.5 metres ZCG1250
Connector (fitted)	N-female		7/16" DIN female
Maximum Power	500 Watts per bay		2 Kilowatts per bay
DC Grounding	Yes	Yes	Yes
Dipole Height	1.4 metres	1.4 metres	1.4 metres
Weight	3.5Kg	5Kg	5Kg
Projected Area	0.090m <sup>2</sup>	0.090m <sup>2</sup>	0.090m <sup>2</sup>
Mount Tube	1.5m x 38mm	1.5m x 38mm	1.5m x 38mm
Wind Load at 160kph	10.875Kg, 0.107kN		
Mounting Accessories	1 x Y2300 (order separately)	1 x Y2300-SS (order separately)	
Warranty	2 Years		

