

B19

VHF 148-174MHz

Mast Mount Coaxial Dipole

The B19 VHF coaxial dipole provides an economical fixed position antenna solution with no compromise in either quality of construction or performance. It is ideal for omnidirectional low power transmit and receive applications up to 100 Watts.

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

Specifications	B19
Construction	White fibreglass radome and stainless steel mount tube
Frequency Range	VHF 148-174MHz
Maximum Bandwidth	Specify any 3%
Return Loss, VSWR	<1.5:1 VSWR across specified bandwidth
Tuning	Factory
Gain	0 dBd
Maximum Power	100 Watts
Impedance (nominal)	50 Ohms
DC Grounding	Yes
Polarisation	Vertical
H Plane	360° Omnidirectional, ± 0.5 dBd
E Plane	66°
Connector	N-type female in base of mount section
Height at Lowest Frequency	2 metres (@ 148MHz)
Weight	2.3Kg
Projected Area	0.04m ²
Wind Load at 160kph	4.0Kg, 0.04kN
Mount Tube Diameter	32mm
Mounting Accessories (order separate)	2 x EB1-SS or 1 x UB3-SS
Mounting Position (recommended)	Mount as high as possible on your structure, mast or tower using the appropriate mounting clamps

