

Omnidirectional UHF Collinears

UHF 520-960MHz

These high gain UHF omnidirectional fixed position collinears are suitable for two-way radio systems operating within the UHF 520-960MHz frequency range.

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

Specifications	G56	G59
Construction	White radome, stainless steel mount tube	
Frequency Range	UHF 520-960MHz	
Maximum Bandwidth	Any 1% (specify Transmit and Receive when ordering)	
Return Loss, VSWR	<1.5:1 across specified bandwidth	
Tuning	Factory	Factory
Gain	6 dBd	9 dBd
Maximum Power	250 Watts	250 Watts
Impedance (nominal)	50 Ohms	50 Ohms
DC Grounding	Yes	Yes
Polarisation	Vertical	Vertical
H Plane	360° omnidirectional, ± 0.5 dBd	
E Plane	16°	9°
Connector	N-female in base of mount tube (no cable)	
Height (at 520MHz)	3.0 metres	4.0 metres
Weight	1.8Kg	2Kg
Projected Area	0.060m ²	0.070m ²
Wind Load at 160kph	7Kg, 0.066kN	8.4Kg, 0.083kN
Mount tube	500mm x 32mm	
Mounting Accessories (order separate)	2 x EB1-SS or 1 x UB3-SS	
Mounting Position (recommended)	Mount as high on your structure, mast or tower as possible using the appropriate mounting clamps	

