

Omni-directional 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.

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

Specifications	G56	G59
Construction	White fibreglass radome, 304 stainless steel mount section and tri-metal plated termination	
Frequency range	UHF 520-960MHz	
Maximum bandwidth	Specify any 1% or transmit and receive	
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-type female in base of mount section	
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 hardware (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	

