

## G35

### UHF 300-400MHz Omnidirectional Collinear

The G35 omnidirectional fixed position collinear is designed for commercial paging, trunking and general communication systems operating within the UHF frequency range.

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

Specifications	G35
Construction	White fibreglass radome and aluminium mount tube
Frequency Range	UHF 300-400MHz
Maximum Bandwidth	Any 5% (specify Transmit and Receive on order)
Return Loss, VSWR	<1.5:1 VSWR across specified bandwidth
Tuning	Factory
Gain	6 dBd
Maximum Power	250 Watts
Impedance (nominal)	50 Ohms
DC Grounding	Yes
Polarisation	Vertical
H Plane	360° Omnidirectional, ± 0.5 dBd
E Plane	16°
Connector	N-type female in base of mount section
Height (at 300MHz)	2.9 metres (higher frequencies, radome will be reduced)
Weight	3.0Kg
Projected Area	0.105m <sup>2</sup>
Wind Load at 160kph	12.74Kg, 0.125kN
Mount tube	500mm x 40mm
Mounting Accessories (order seperate)	2 x UAM180L (parallel) or 2 x UAM90L (right-angle)

