

## 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 hardware, coaxial feeder cables, connectors and other installation accessories are all available separately.

Specifications	G35
Construction	White fibreglass radome, aluminium mount section and tri-metal plated termination
Frequency range	UHF 300-400MHz
Maximum bandwidth	Specify any 5% or Transmit and Receive when ordering
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° omni-directional, $\pm 0.5$ dBd
E Plane	16°
Connector	N-type female in base of mount section
Height at 300MHz	2.9 metres - higher frequencies, height will reduced
Weight	3.0kg
Projected area	0.105m <sup>2</sup>
Wind load at 160kph	12.74kg, 0.125kN
Mount section	500mm x 40mm
Mounting hardware (order separate)	2 x UAM180L parallel or 2 x UAM90L right-angle



UAM180L



UAM90L

