

## G12HP

### Omni-directional FM radio collinear 87.5-108MHz

The G12HP collinear is specifically designed and manufactured for FM radio transmit and receive.

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

Specifications	G12HP
Construction	Two-piece white fibreglass radome, aluminium mount section and tri-metal plated termination
Frequency range	FM Radio 87.5-108MHz
Bandwidth	Specify any 2MHz when ordering
Return loss, VSWR	Better than -20dB, <1.2:1 across specified bandwidth
Tuning	Factory
Gain	3 dBd
Maximum power	500 Watts
Impedance	50 Ohms
DC grounding	Yes
Polarisation	Vertical
H Plane	360° omni-directional ± 0.5 dBd
E Plane	32°
Connector	N-type female in bottom of mount tube - no cable
Height at 88MHz	7.4 metres, higher frequencies radome reduces
Weight	9.0kg
Projected area	0.140m <sup>2</sup>
Wind load at 160kph	17kg, 0.170kN
Mount section	600mm x 48mm
Mounting hardware (order separate)	2 x UAM180L or UAM180UNI parallel or 2 x UAM90L right-angle
Warranty	2 Years



UAM180L



UAM90L