

G12HP

Omnidirectional FM Radio Collinear

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

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

Specifications	G12HP
Construction	White radome, aluminium mount tube
Frequency Range	FM band 87.5-108.5MHz
Bandwidth	2MHz (specify 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	Omnidirectional 360° ± 0.5 dBd
E Plane	32°
Connector	N-female in bottom of mount tube
Height at 88MHz	7.4 metres, higher frequencies radome reduces
Weight	9Kg
Projected Area	0.140m ²
Wind Load at 160kph	17Kg, 0.170kN
Mount tube	600mm x 48mm
Mounting Accessories	2 x UAM180L (order separately)
Warranty	2 Years

