

CLG Series

VHF TV and UHF TV Collinears

These omnidirectional collinears are for use in low power VHF TV and UHF TV broadcast applications.

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

Specifications	CLG3200	CLG3900	CLG6900
Construction	White fibreglass radome, aluminium mount section and tri-metal plated termination		
Frequency range	VHF 137-230MHz - Ch 5A-12	UHF TV 520-820MHz - Ch 27-69	
Channel coverage	Single channel	Any 4 consecutive channels	
Tuning	Factory	Factory	Factory
Return loss, VSWR	Better than -20dB, <1.2:1 across channel range		
Gain	3 dBd	3 dBd	7.5 dBd
Maximum power	250 Watts	250 Watts	250 Watts
Impedance	50 Ohms	50 Ohms	50 Ohms
DC grounding	Yes	Yes	Yes
Polarisation	Vertical	Vertical	Vertical
H Plane	360° omni-directional		
E Plane	34°	34°	13°
Connector	N-type female fitted in base of mount section		
Height (approx.)	2.5 metres	1.2 metres	3-4 metres
Weight	2.7kg	1.5kg	4kg
Projected area	0.078m ²	0.038m ²	0.096m ²
Wind load at 160kph	8.2kg	4.7kg	11.5kg
Mount tube	38mm	38mm	48mm
Mounting hardware (order separate)	2 x UAM180L - Parallel 2 x UAM90L - Right-angle		
Warranty	2 Years	2 Years	2 Years



UAM180L



UAM90L