

CLV3 series

VHF 151-174MHz

Mast mount collinear

The CLV3 series of VHF fixed position mast mount collinear are designed and manufactured to ensure long term survival and will deliver reliable performance for many years.

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

Specifications	CLV3	CLV3-174
Construction	White fibreglass radome, aluminium mount section and tri-metal plated termination	
Frequency range	VHF 151-152MHz	VHF 173.9MHz
Bandwidth	Full band	Full band
Tuning	Factory	Factory
Return loss, VSWR	Better than -15dB, <1.5:1 full band	
Gain	3 dBd	3dBd
Maximum power	50 Watts	50 Watts
Impedance	50 Ohms	50 Ohms
DC grounding	Yes	Yes
Polarisation	Vertical	Vertical
H Plane	360° omni-directional, ± 0.5 dBd	
E Plane	51°	51°
Connector	N-type female in base of mount section - no cable	
Height	3.3 metres	3.0 metres
Weight	2.0kg	2.0kg
Projected area	0.071m ²	0.71m ²
Wind load at 160kph	8.7kg, 0.039kN	8.7kg, 0.039kN
Mount section	350mm x 25mm	350mm x 25mm
Mounting hardware (order separate)	2 x EB1-SS or 1 x UB3-SS	
Mounting position (recommended)	Mount as high on your structure, mast or tower as possible using the appropriate mounting clamps	



EB1-SS



UB3-SS