

CLV3 series

Omni-directional mast mount collinear

VHF 151-152 or VHF 173.9MHz


In-stock
Ready to
Ship
*Build to order
item

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.

	CLV3	CLV3-174*
Construction	White fibreglass radome, anodised aluminium mount section and external termination	
Frequency range	VHF 151-152MHz	VHF 173.9MHz - or specify requirements
Bandwidth	Full frequency range stated	1MHz around centre frequency.
Tuning	Factory	
VSWR	<1.5:1	
Gain	3dBd	
Maximum power	50 Watts	
Impedance	50 Ohms	
DC grounding	Yes	
Polarisation	Vertical	
H Plane	360° omni-directional, ± 0.5 dBd	
E Plane	51°	
Connector	N-type female in base of mount section - no cable	
Height	3.3 metres	3.0 metres
Weight	2.0kg	
Projected area	0.071m ²	
Wind load at 160kph	8.7kg, 0.039kN	
Mount section	350mm x 25mm	
Mounting hardware order separate	Parallel: 2 x EB1-SS or 1 x UB3-SS Right-angle: 2 x RB8 or 1 x UB2-SS	
Mounting position recommended	Mount as high on your structure, mast or tower as possible using the appropriate mounting clamp/s	



N-type female in base of anodised aluminium mount section



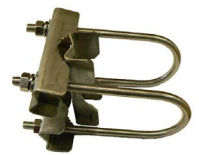
EB1-SS



UB3-SS



RB8



UB2-SS



CLV3 series

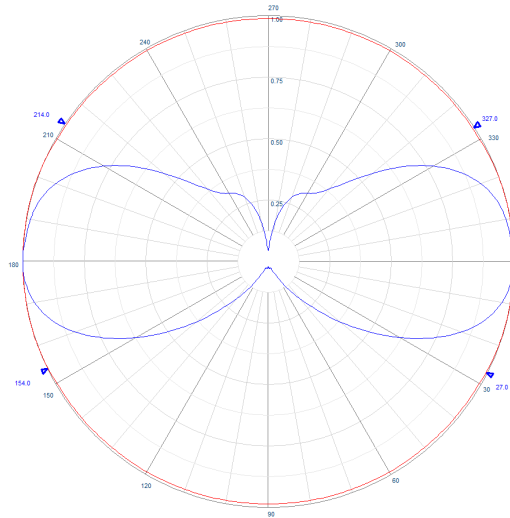
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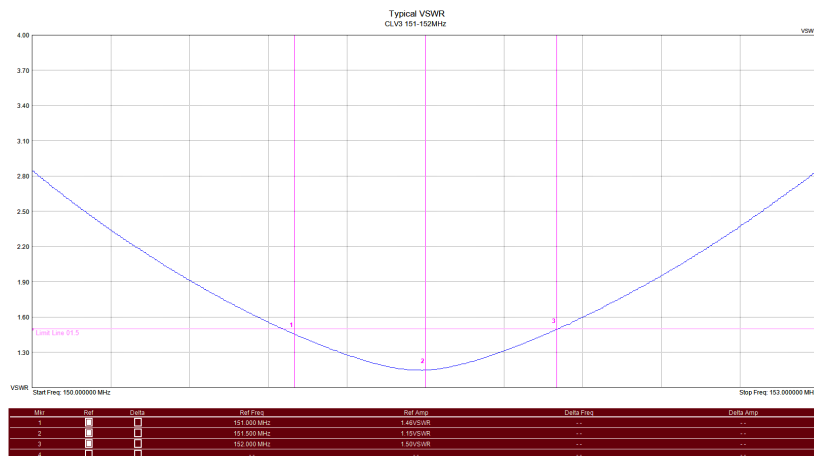


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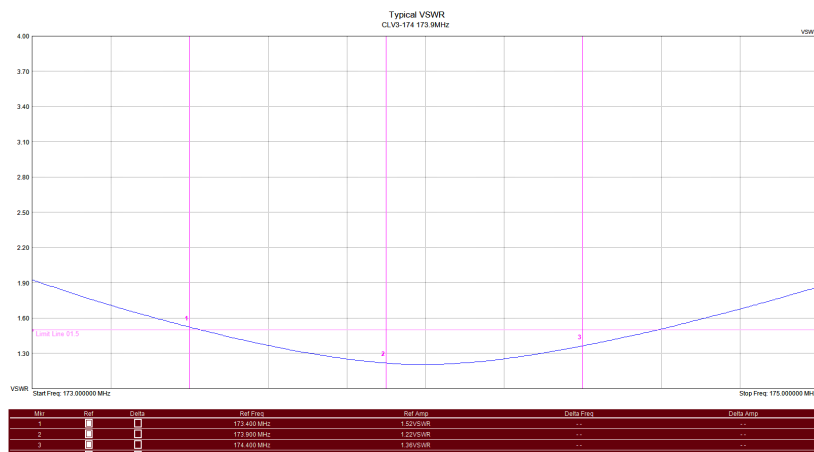
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Example radiation pattern - CLV3



Typical VSWR - CLV3



Typical VSWR - CLV3-174