

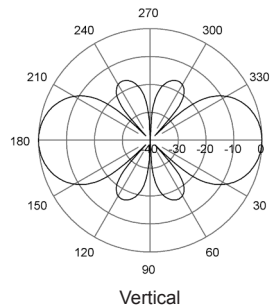
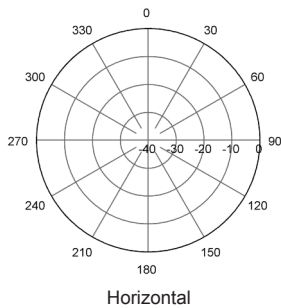
A rugged and durable Colinear antenna designed for VHF Trunked Radio applications. These antennas are housed inside a high-strength, glassfibre shroud and manufactured to the highest quality standards insuring long term, reliable operation.

MA431H00

V-Pol | Colinear | 360° | 1.5 dBd



Electrical Characteristics	
Frequency band	83-86.6 MHz
Polarization	Vertical
Horizontal beamwidth	360°
Vertical beamwidth	68°
Gain	1.5 dBd
Electrical downtilt	0°
Impedance	50Ω
VSWR	<1.5:1
Maximum power	100 W
Connector type	N Female
Lightning protection	DC grounded
Mechanical Characteristics	
Materials	Glass fibre shroud Aluminium mounting section
Dimensions (Length)	3900 mm 153.5 in
Weight without bracket	4.0 kg 8.8 lbs
Wind load @ 160 km/hr (100 mph)	280 N 62.9 lbf
Mounting Options	
Mounting bracket	2 x MA621AZ00 clamps supplied to fit 50-70mm dia. mast.



Quoted performance parameters are provided to offer typical or range values only and may vary as a result of normal manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to product may be made without notice.