

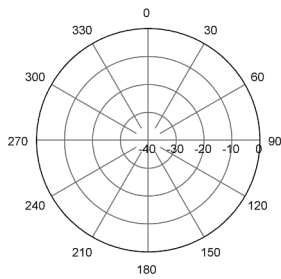
A rugged and durable Colinear antenna designed for VHF Trunked Radio applications. These antennas are housed inside a high-strength, glassfibre shroud and manufactured to the highest quality standards insuring long term, reliable operation.

MA432H8x

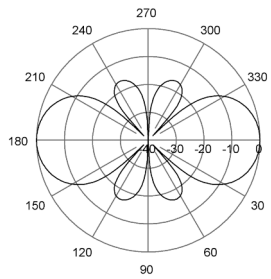
V-Pol | Colinear | 360° | 1.5 dBd

Replace "x" with desired model number option.

Electrical Characteristics		
Frequency range	79..87 MHz	
Model number options (x)	Model Number MA432H80 MA432H85	Frequency band 79-83 MHz 84-87 MHz
Bandwidth	±1% (typical)	
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)	3800 mm	149.6 in
Weight without bracket	4.0 kg	8.8 lbs
Wind load @ 160 km/hr (100 mph)	240 N	54.0 lbf
Mounting Options		
Mounting bracket	2 x MA621AZ00 clamps supplied to fit 50-70mm dia. mast.	



Horizontal



Vertical

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.