

A 2-element VHF/UHF Yagi antenna for PMR/Trunked Radio, Broadcast and extended range VHF Aircraft Band applications. Produced to the highest quality standards, these robust antenna designs will insure reliable operation in harsh environmental conditions. Low IMP rated models are available upon request.

7039xxx

Replace "xxx" with desired model number option.

V-Pol or H-Pol | 2-Element Yagi | 150° | 3 dBd

Electrical Characteristics		
Frequency range	140..500 MHz	
Model number options (xxx)	Model Number 7039380 7039420	Frequency band* 380-420 MHz 420-470 MHz
Bandwidth	±6% (typical)	
Polarization	Vertical or Horizontal	
Horizontal beamwidth	150°	
Vertical beamwidth	75°	
Gain	3 dBd	
Impedance	50Ω	
VSWR	<1.5:1	
Front-to-back ratio	>12 dB	
Maximum power	150 W	
Connector type	N-Female + 3m of RG213 cable	
Lightning protection	DC grounded	

* Other frequencies available upon request.

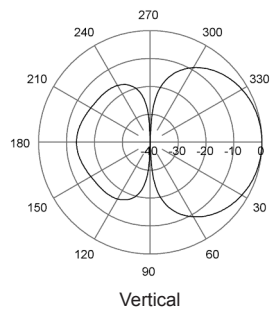
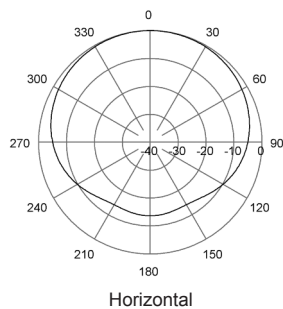
Mechanical Characteristics		
Materials	Boom, 32 mm dia. Aluminium Elements, 12.7 mm dia. Aluminium Balun, Fully moulded enclosure	
Dimensions (Length)	90 MHz: 1360 mm 400 MHz: 690 mm	53.5 in 27.2 in
Weight without bracket	90 MHz: 2.3 kg 400 MHz: 1.3 kg	5.1 lbs 2.9 lbs
Wind load @ 160 km/hr (100 mph)	90 MHz: 140 N 400 MHz: 50 N	31.5 lbf 11.2 lbf

Mounting Options	
Mounting bracket	3202078/68 + 3201079/00
Alternate mounting brackets	0900912/00, 0302032/68, or 0300064/00 + U-Bolts to match mounting pipe diameter

Please order Mounting Bracket separately.



Note: Low frequency model shown. Higher frequency antennas will have multi bar reflectors.



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.