

A 3-element UHF Yagi antenna for PMR/Trunked Radio and Broadcast 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.

## 7040xxx

Replace "xxx" with desired model number option.

V-Pol or H-Pol | 3-Element Yagi | 120° | 5 dBd

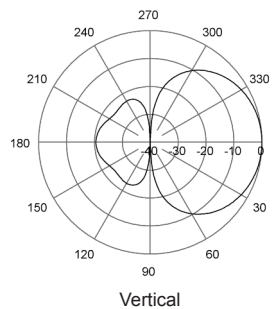
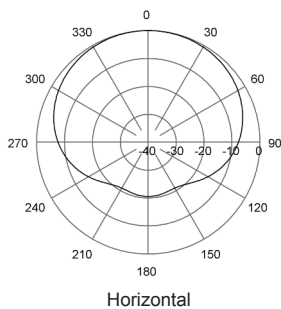
Electrical Characteristics		
Frequency range	300..500 MHz	
Model number options (xxx)	Model Number 7040380 7040440	Frequency band* 380-430 MHz 440-470 MHz
Bandwidth	±5% (typical)	
Polarization	Vertical or Horizontal	
Horizontal beamwidth	120°	
Vertical beamwidth	70°	
Gain	5 dBd	
Impedance	50Ω	
VSWR	<1.5:1	
Front-to-back ratio	>15 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)	100 MHz: 1700 mm 480 MHz: 550 mm	66.9 in 21.7 in
Weight without bracket	100 MHz: 2.6 kg 480 MHz: 1.6 kg	5.7 lbs 3.5 lbs
Wind load @ 160 km/hr (100 mph)	100 MHz: 160 N 480 MHz: 52 N	36.0 lbf 11.7 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.



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.