

7031xxx

Single Band | 2-Element Yagi | VPOL or HPOL | 150° | 3.0 dBd

- 2-element VHF yagi antenna
- For PMR/Trunked Radio, Broadcast and extended range VHF Aircraft Band applications
- Produced to the highest quality standards
- A robust antenna design ensures reliable operation in harsh environmental conditions

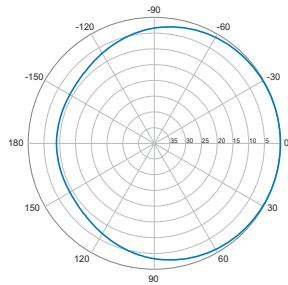


Ordering Options		Model Number
When ordering, replace "xxx" in the model number with one of the following frequency options.		
Select Frequency Range	48-53 MHz	7031050
	66-78 MHz	7031066
Other frequencies available upon request	75-88 MHz	7031075
	88-108 MHz	7031088
	100-110 MHz	7031105
	139.5-149 MHz	7031139
	144-162 MHz	7031144
	156-175 MHz	7031156
	215-225 MHz	7031220
Electrical Characteristics		
Bandwidth	±6% (Typical)	
Polarization	Vertical or Horizontal	
Horizontal Beamwidth	150°	
Vertical Beamwidth	75°	
Gain	3.0 dBd	
Impedance	50Ω	
VSWR	< 1.5:1	
Front-to-Back Ratio	> 12 dB	
Maximum Input Power	150 Watts	
Lightning Protection	DC Grounded	
Connector Type	N-Female + 3m of RG213 Cable	
Mechanical Characteristics		
Materials	Boom	32 mm diameter, aluminium
	Elements	19 mm diameter, aluminium
	Balun	Fully moulded enclosure
Dimensions (Length)	55 MHz	1800 mm (70.9 in)
	200 MHz	850 mm (33.5 in)
Weight without Bracket	55 MHz	4.2 kg (9.3 lbs)
	200 MHz	1.9 kg (4.2 lbs)
Wind Load @ 160 km/hr (100 mph)	55 MHz	260 N (58.5 lbf)
	200 MHz	90 N (20.2 lbf)
Mounting Options		
Mounting brackets are ordered separately.		
Mounting Brackets	3202078/68 + 3201079/00	
Alternate Mounting Brackets	0900912/00, 0302032/68 or 0300064/00 + U-Bolts to match mounting pipe diameter	

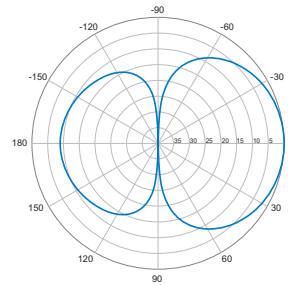
Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage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

7031xxx

Single Band | 2-Element Yagi | VPOL or HPOL | 150° | 3.0 dBd



Horizontal



Vertical

Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, 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 products may be made without notice.