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 *Other frequencies available upon request*	48-53 MHz	7031050
	66-78 MHz	7031066
	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

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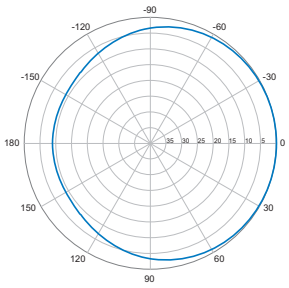
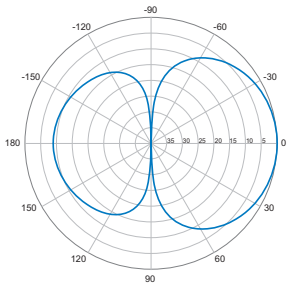


Horizontal



Vertical