

7041420

Single Band | 4-Element Yagi | V-Pol or H-Pol | 90° | 7.0 dBd

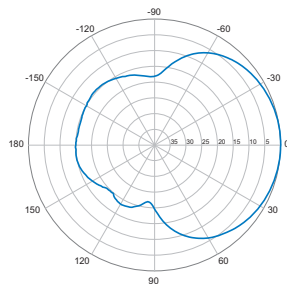
- Antenna for PMR/Trunked Radio, Broadcast and Tetra applications
- Robust antenna design insures reliable operation in harsh environmental conditions

Electrical Characteristics	
Frequency Band	420-470 MHz
Bandwidth	±5% (typical)
Polarization	Vertical or Horizontal
Horizontal Beamwidth	90°
Vertical Beamwidth	60°
Gain	7.0 dBd
Impedance	50Ω
VSWR	< 1.5:1
Front-to-Back Ratio	> 15 dB
Power Rating	150 W
Connector Type	N-Type Female + 3m RG213 cable
Lightning Protection	DC Grounded

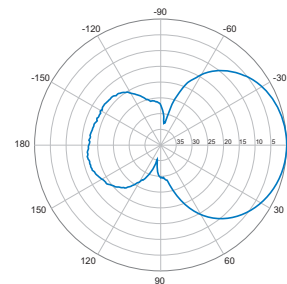


Mechanical Characteristics		
Materials	Boom	32 mm diameter; Aluminum
	Elements	12.7 mm diameter; Aluminum
	Balun	Fully moulded enclosure
Dimensions (Length)	810 mm	31.9 in
Weight without Mounting Brackets	1.8 kg	4.0 lbs
Wind Load @ 160 km/hr (100 mph)	80 N	18.0 lbf

Mounting Options	
Mounting bracket kits are ordered separately.	
Mounting Bracket Kit	3202078/68 + 3201079/00
Alternate Mounting Brackets	0900912/00 + U-bolts to match mounting pipe diameter
	0302032/68 + U-bolts to match mounting pipe diameter
	0300064/00 + U-bolts to match mounting pipe diameter



Horizontal



0° | 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.