

A 4-element VHF 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.

7029xxx

Replace "xxx" with desired model number option.

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

Electrical Characteristics		
Frequency range	50..250 MHz	
Model number options (xxx)	Model Number	Frequency band*
	7029068	68-78 MHz
	7029000	75-88 MHz
	7029092	92-100 MHz
	7029098	98-106 MHz
	7029106	102-110 MHz
	7029145	145-165 MHz
7029155	155-175 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	
Maximum power	150 W	
Connector type	N-Female + 3m of RG213 cable	
Lightning protection	DC grounded	

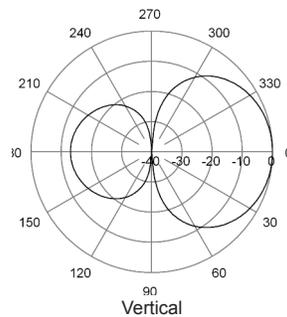
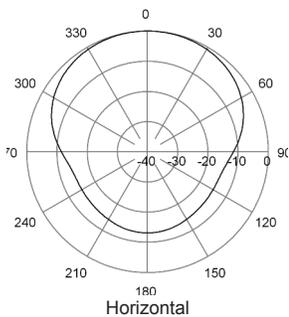


* Other frequencies available upon request.

Mechanical Characteristics		
Materials	Boom, 32 mm dia. aluminium, Elements, 19 mm dia. aluminium, Balun, fully moulded enclosure	
Dimensions (Length)	55 MHz:	3500 mm 137.8 in
	240 MHz:	1080 mm 42.5 in
Weight without bracket	55 MHz:	7.1 kg 15.7 lbs
	240 MHz:	3.2 kg 7.1 lbs
Wind load @ 160 km/hr (100 mph)	55 MHz:	480 N 107.9 lbf
	240 MHz:	130 N 29.2 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.



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.