

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
7029220	215-225 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	

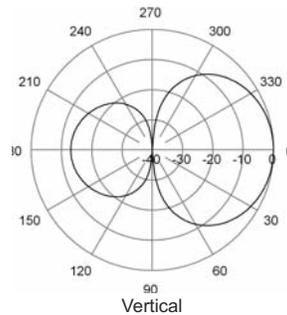
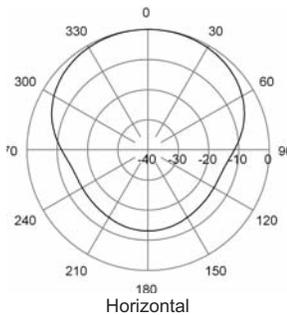


\* Other frequencies available upon request.

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.