

A 4-element Heavy Duty VHF Yagi antenna for high power 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.

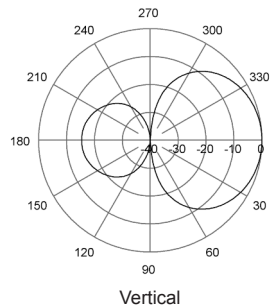
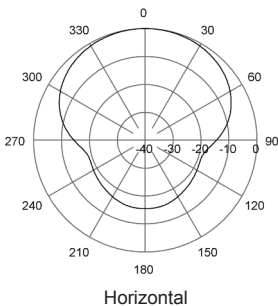
7210xxx

Replace "xxx" with desired model number option.

V-Pol or H-Pol | 4-Element Heavy Duty Yagi | 90° | 7.5 dBd



Electrical Characteristics									
Frequency range	68..230 MHz								
Model number options (xxx)	<table border="1"> <tr> <th>Model Number</th> <th>Frequency band*</th> </tr> <tr> <td>7210090</td> <td>90-100 MHz</td> </tr> <tr> <td>7210101</td> <td>95-108 MHz</td> </tr> <tr> <td>7210132</td> <td>127-137 MHz</td> </tr> </table>	Model Number	Frequency band*	7210090	90-100 MHz	7210101	95-108 MHz	7210132	127-137 MHz
Model Number	Frequency band*								
7210090	90-100 MHz								
7210101	95-108 MHz								
7210132	127-137 MHz								
Bandwidth	±5% (typical)								
Polarization	Vertical or Horizontal								
Horizontal beamwidth	90°								
Vertical beamwidth	60°								
Gain	7.5 dBd								
Impedance	50Ω								
VSWR	<1.5:1								
Front-to-back ratio	>15 dB								
Maximum power	300 W (750 W option) Please call for ordering details on options.								
Connector type	N-Female + 3m of RG213 cable								
Lightning protection	DC grounded								
* Other frequencies available upon request.									
Mechanical Characteristics									
Materials	Boom, 49 mm dia., aluminium Elements, 19 mm dia., aluminium Balun, epoxy potted, polyester enclosure								
Dimensions LxWxD	100 MHz: 2900 x 1370 x 120 mm 114.2 x 53.9 x 4.7 in								
Weight without bracket	100 MHz: 10 kg 22.0 lbs								
Wind load @ 160 km/hr (100 mph)	100 MHz: 360 N 80.9 lbf								
Mounting Options									
Mounting bracket	Part Number 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.