

A 2-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.

## 7353xxx

Replace "xxx" with desired model number option.

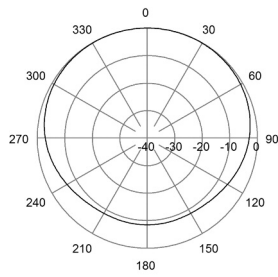
V-Pol or H-Pol | 2-Element Heavy Duty Yagi | 150° | 3.3 dBd

Electrical Characteristics											
Frequency range	68..230 MHz										
Model number options (xxx)	<table border="1"> <thead> <tr> <th>Model Number</th> <th>Frequency band*</th> </tr> </thead> <tbody> <tr> <td>7353102</td> <td>98.1-108 MHz</td> </tr> <tr> <td>7353122</td> <td>122.3 MHz (center)</td> </tr> <tr> <td>7353168</td> <td>165-171 MHz</td> </tr> <tr> <td>7353200</td> <td>192-208 MHz</td> </tr> </tbody> </table>	Model Number	Frequency band*	7353102	98.1-108 MHz	7353122	122.3 MHz (center)	7353168	165-171 MHz	7353200	192-208 MHz
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7353102	98.1-108 MHz										
7353122	122.3 MHz (center)										
7353168	165-171 MHz										
7353200	192-208 MHz										
Bandwidth	±5% (typical)										
Polarization	Vertical or Horizontal										
Horizontal beamwidth	150°										
Vertical beamwidth	75°										
Gain	3.3 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										

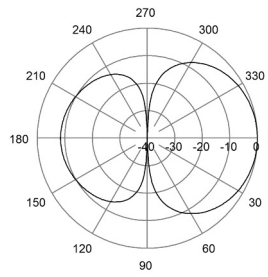
\* Other frequencies available upon request.

Mechanical Characteristics	
Materials	Boom, 49 mm dia., aluminium Elements, 19 mm dia., aluminium Balun, epoxy potted, polyester enclosure
Dimensions LxWxD	100 MHz: 2900 x 1650 x 120 mm    114.2 x 65.0 x 4.7 in
Weight without bracket	100 MHz: 6 kg    13.2 lbs
Wind load @ 160 km/hr (100 mph)	100 MHz: 210 N    47.2 lbf
Mounting Options	
Mounting bracket	0300064/00 + U-bolts to match mounting pipe diameter

Please order Mounting Bracket separately.



Horizontal



Vertical

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.