7130xxx

Single Band | 6-Element Heavy Duty Yagi | V-Pol or H-Pol | 64° | 8.5 dBd

- A 6-element heavy-duty VHF yagi antenna
- For high power Broadcast and extended range VHF Aircraft Band applications
- Produced to the highest quality standards
- Robust antenna design ensure's reliable operation in harch environmental conditions

Ordering Options		Frequency Band*
Model Numbers When ordering replace "xxx" in the Model Number with one of the options shown at right.	7130088	88-108 MHz
	7130110	105-115 MHz
	7130150	140-160 MHz
	7130156	148.5-163.5 MHz
	7130165	158-172 MHz

*Other frequency ranges available upon request.

Electrical Characteristics		
Bandwidth		±5% (typical)
Polarisation		Vertical or Horizontal
Horizontal Beamwidth		64°
Vertical Beamwidth		56°
Gain		8.5 dBd
Impedance		50Ω
VSWR	7130088	< 1.5:1 Typical; < 2.0:1 at Band Edges
	7130110	< 1.5:1
	7130150	< 1.5:1
	7130156	< 1.5:1
	7130165	< 1.5:1
Front-to-Back Ratio		> 17 dB
Maximum Power		150 W
Lightning Protection		DC Grounded
Connector(s)		N-Type Female + 3m of RG213 cable

Mechanical Characteristics			
Materials	Boom	38 mm diameter, aluminum	
	Elements	19 mm diameter, aluminum	
	Balun	Fully moulded enclosure	
Dimensions (Length x Width x Depth)		4000 x 1730 x 120 mm	157.5 x 68.1 x 4.7 in
Weight without Mounting Brackets		10.7 kg	23.6 lbs
Wind Load (160 km/hr or 100 mph)		410 N	92.2 lbf

Mounting Options (ordered separately)	
Mounting Bracket Kit	3202078/68 + 3201079/00
Alternate Mounting Brackets	0300064/00 + U-Bolts to match mounting pipe diameter

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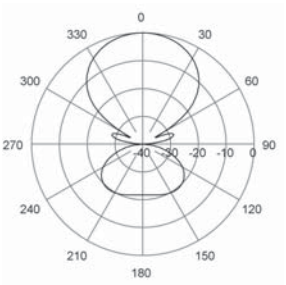
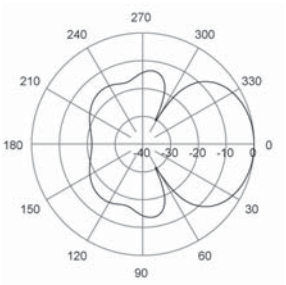
88...172 MHz



Horizontal



Vertical