



# YAGI GAIN ANTENNA

Model Number 510-0110-006



<b>Electrical Specifications</b>	
Power	150 watts Maximum
Gain	6 dB
Frequency Range	896-970 MHz, field adjustable
Bandwidth	10 MHz
VSWR	Less than 1.5:1
Impedance	50 ohms nominal
Vertical Beamwidth	17 ½ degress
Termination	UHF female (SO-239) accepts PL-259
<b>Mechanical Specifications</b>	
Rated Wind Velocity	77 mi/h (124 km/h)
Lateral Thrust	11 lb (5 kg) @ 100 mi/h (161 km/h)
Bending Moment	28.2 ft-lb (3.9 kg-m) @ 100mi/h (161km/h)
Equivalent Flat Plate Area	0.28ft <sup>2</sup> (0.03m <sup>2</sup> )
Weight	4lb (1.8kg)
Radiator Elements	Rigid seamless telescoping aluminum tubing stainless steel clamps for adjustment
Matching/Phasing Coils	Air-wound copper-clad steel wire enclosed in PVC jackets
Mounting	Bracket and U-bolts supplied for mounting on existing support pipe up to 1 ¼ inch 31.8 mm) O.D. or for attachment to wood surface with lag bolts (not supplied)
<b>Shipping Information</b>	
Weight	6lb (2.7kg)
Dimensions	3 ½ x 3 ½ x 32 ½ inches (8.3x7.9x81.9cm)

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