

YAGI
GAIN ANTENNA
MODEL 510-0110-006



Electrical Specifications

Power	250 watts maximum
Gain	6 dB
Frequency Range	445-470 MHz, field adjustable
Bandwidth	10 MHz
VSWR	Less than 1.5:1
Impedance	50 ohms nominal
Vertical Beamwidth	17 ½ degrees
tubing	
Termination	UHF female (SO-239) accepts PL-259

Mechanical Specifications

Rated Wind Velocity	77mi/h (124km/h)
Lateral Thrust	11lb (5kg) @ 100mi/h (161 km/h)
Bending Moment	28.2 ft-lb (3.9 kg-m) @ 100mi/h (161km/h)
Equivalent Flat Plate Area	0.28ft ² (0.03m ²)
Length	6 ½ ft (2 m) at 445 MHz
Weight	4lb (1.8kg)
Radiator Elements	Rigid seamless telescoping aluminum
Matching/Phasing Coils	stainless steel clamps for adjustment 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)

Shipping Information

Weight	6lb (2.7kg)
Dimensions	3 ½ x 3 ½ x 32 ½ inches (8.3x7.9x81.9cm)

DATA⇒LYNX®
TELEMETRY EQUIPMENT

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