450-470MHz SISO YAGI ANTENNAS



This range of SISO yagi antennas are manufactured from high strength aluminium to withstand ice, high wind and harsh weather conditions.

Tilting Mounting Bracket

Supplied with a heavy duty, stainless steel, tilting mounting bracket, this powder-coated, corrosion-resistant antenna can be mounted at an angle which suits site requirements.



450-470MHz SISO YAGI ANTENNA SPECIFICATIONS

Electrical Specifications

	6dBi	9dBi	11dBi	12dBi
No. of Elements	4	5	7	10
Gain	6dBi	9dBi	11dBi	12dBi
Front to Back Ratio (dB)	≥9	≥15	≥17	≥15
Horizontal Beamwidth	100°	75°	54°	43°
Vertical Beamwidth	89°	54°	49°	40°
Frequency Range	450-470MHz*			
Polarization	Vertical			
VSWR	<1.5			
Input Impedance	50 Ω			
Max Power	100 W			
Lightning Protection	DC Ground			

Mechanical Specifications

	6dBi	9dBi	11dBi	12dBi
Dimensions	21.6 x 14.1 x 2.7" 550 x 360 x 70mm	27.5 x 14.1 x 2.7" 700 x 360 x 70mm	35.4 x 14.1 x 2.7" 900 x 360 x 70mm	53.1 x 14.1 x 2.7" 1350 x 360 x 70mm
Weight	TBD	TBD	TBD	TBD
Connector	N-Female			
Material	Aluminum			
Rated Wind Velocity	124 mph | 200km/h			
Operating Temperature	-40 °F to 149 °F -40 °C to +65 °C			
Mounting (Pole OD)	Ø 1.49” - 2.0” Ø 38 mm - 52 mm			
Mounting Bracket (tilting)	Stainless Steel			

Product Orders

	6dBi	9dBi	11dBi	12dBi
Product Code	ANT-450-470-006-YS00	ANT-450-470-009-YS00	ANT-450-470-011-YS00	ANT-450-470-012-YS00
Description	450-470 MHz Yagi 6dBi, 1 x N-Female	450-470 MHz Yagi 9dBi, 1 x N-Female	450-470 MHz Yagi 11dBi, 1 x N-Female	450-470 MHz Yagi 12dBi, 1 x N-Female

***Important**: Specifications are subject to change without prior notice*
**Other frequency bands available on request.*