

UHF-YAGI-11 UHF Yagi Satellite Antenna P/N: YAGI-11



The SAM-GOES-11 Cross Polarized Yagi Antenna is a rugged antenna designed for optimum performance for Environmental Satellite applications such as GOES and INSAT (located any where in the geostationary arc from 45° E to 115° E longitude). The driven elements are fed by a solid 3/8 rod feed system that allows or maximum power input. The feed system is completely sealed from the elements in order to withstand unusually harsh weather situations and environments.

Specifications

Polarization: LHCP and RHCP (Switchable in the field) Gain: 11dBi Center Frequency: 401.8 MHz Bandwidth: 6 Mhz 3dB Beam Width: 40° VSWR: 1.2:1 Impedance: 50 Ω Axial Ratio: 0.8 to 1 dB Operating Wind Speed: 150 mph Wind Survival: 200 mph Material: Aluminum (Rust-proof and oxidation-proof for use in coastal and saline area) **Connector Type:** N type Female Mounting: Fit with 1 or 2 (2.5 OD) with 360° Azimuth and elevation adjustment. Operating Temperature: -40 to +60° C Operating Relative Humidity: 0-100 % RH Weight: 5 lbs. Length: 44" **Crossed Dipoles:** ¹/₂ wave length (15"). Volume: 6 ft³ Operating Rain Rate: 100 mm/Hr and water proof

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