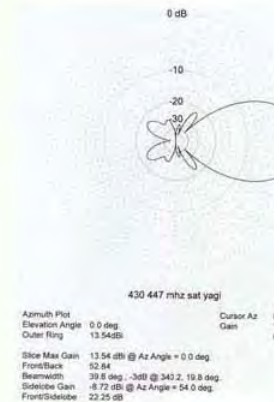


70 CM Circular Polarized Satellite Yagi

Model No. 70CM-8ELSat
Price-\$209.000

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Pete,
I just want to tell you I'm having fantastic success working the birds with the 8x8 UHF. I've made more DX to Europe in 2 weeks than I made in 2 years with my previous yagi. The antenna is a solid design and build. I've started a fund to purchase the 2 meter version by spring. Thanks for a GREAT antenna.
73 de
John
Michigan



polarity reversing unit measures 2 3/16" high by 3 1/16" long by 2" wide



Precision cut phasing cables and T connector supplied with every antenna



Element rods mount through black Delrin insulators. Assembly or disassembly is a snap.



Two piece shorting bars held with machine screws and nylon insert nuts.

polarity reversing unit available for this antenna. Uses a high quality coaxial relay to switch a 1/2 wavelength length of coax in and out of the feedpoint. Housed in a box machined from a solid piece of aluminum stock for ultra reliability and ruggedness. Requires 12vdc and pigtail is supplied. User supplies own connection. Call or e-mail for pricing.



Specifications:

Boom Length-67"
Boom dia. -1 "dia.
No. of elements-8 vertical 8 horizontal
Freq. range-435-437 MHZ
Feed Point Impedence-50 Ohms
Feed Connector- type N
Power Handling-1000 watts
Forward Gain-11.40 dbdc
Front to Back ratio-53 db
Beamwidth Azimuth @ 3db- 40.0 degrees
Beamwidth Elevation@ 3db-43.6 degrees
Mast mounting dia.-1 1/4" to 2" dia.

This is designed for satellite operation and has circular polarization. Both sets of elements optimized in satellite band. Unit is supplied with phasing lines and T connector. Typical vswr in satellite band with phasing lines connected, 1:0 to 1 in other words flat. All connections use high quality type N connectors. Constructed of the finest materials, 6063 corrosion resistant aluminum. Elements are 3/16" dia. except for the driven element which is 1/4" dia. (solid rods). Uses superior T match system and coaxial balun for 50 ohm balanced load. Unit is CAD designed for the mechanical structure and computer optimized for electrical characteristics. These antennas are constructed with the utmost precision. Boom holes are bored on milling machines equipped with state of the art digital readouts and element holes and rods are bored and cut within .010" assuring you of top performance. All hardware is stainless steel except for the U bolts. Antenna is designed to last indefinitely while giving superior performance.

[Back to Satellite sub index](#)