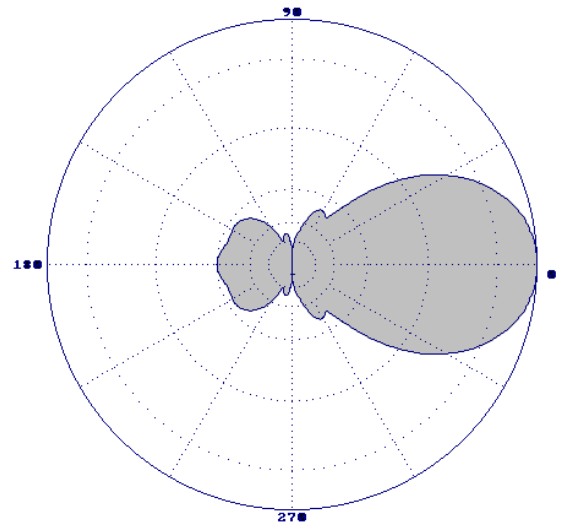


# Broadband, High Gain YAGI Antenna

**SAM-970**  
**890-960 MHz**

- The SAM-970 is a sturdy yet lightweight antenna. Designed for use in a variety of situations, the SAM-970 is perfect for use in SCADA applications, or reception in radio STL transmissions.
- **HAND TUNED** across the entire bandwidth, for optimum performance, the SAM-970 carries a 3 year limited warranty.

SAM-970 7 element YAGI antenna



## ELECTRICAL DATA

Frequency .....	890/960 MHz
Bandwidth .....	70 MHz
VSWR .....	1.5 to 1 or less
Impedance .....	50 ohms
Forward Gain .....	10 dB
Front to Back Ratio .....	19 db+
Polarization .....	Vertical or Horizontal
Lightning Protection .....	Direct Ground
Power Handling .....	300 Watts
Termination .....	Type N Female

## MECHANICAL DATA

Materials .....	Aluminum
Boom .....	1" Tube
Elements .....	Solid 3/8" rod
Wind Survival .....	150 mph
Permanent Mounting .....	V-Bolts to fit from 1" round to 2" pipe
Overall length .....	30"
Shipping Information .....	Weight 4 lbs.

**PLEASE SPECIFY FREQUENCY OR FREQUENCY RANGE**

# *SAMCO Antennas, Inc.*

ANTENNAS SINCE 1963

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