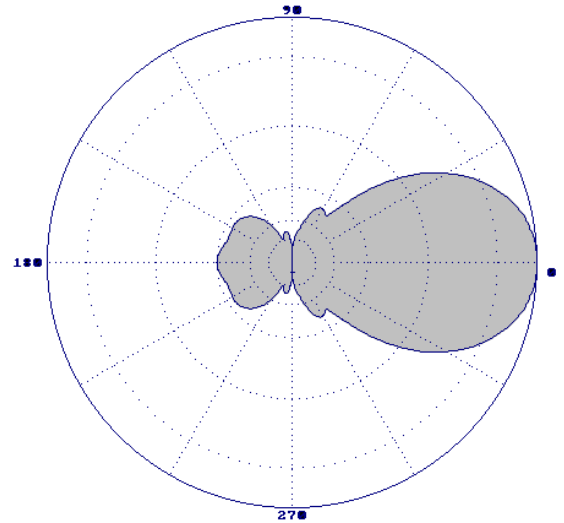


# Broadband, High Gain YAGI Antenna

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

- The SAM-970C is a sturdy yet lightweight antenna with a covered driven element for applications where weather is a significant factor.
- Designed for use in a variety of situations, the SAM-970C is perfect for use in SCADA applications. The SAM-970C is HAND TUNED for optimum performance.

SAM-970C 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

2607 West Waggoman • Fort Worth, Texas 76110  
817/336-4351 or 817/207-8433 • FAX 817/336-7931 or 817/207-8435  
www.samcoantennas.com • e-mail: samyagi@flash.net