

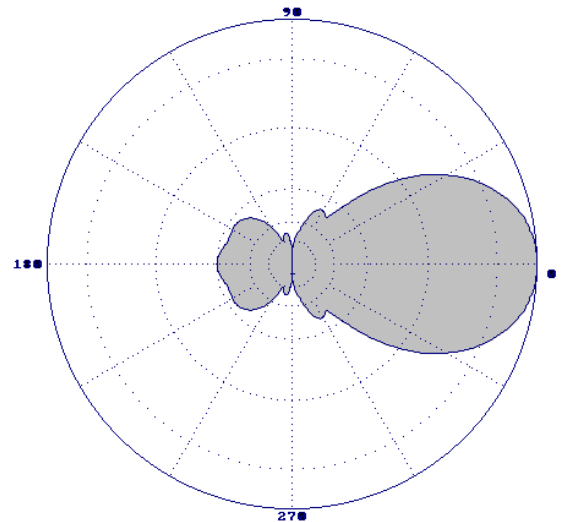
SAM-870C (Covered Dipole) 7 Element Yagi Antenna
and SAM-870 7 Element Yagi Antenna

All Electrical and Mechanical Data are the same on both the SAM-870 and the SAM-870C

Top antenna is a SAM-870C



Lower antenna is a SAM-870



ELECTRICAL DATA

Frequency 806/896 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
*Frequency A covers 806/866 MHz
*Frequency B covers 824/896 MHz (CDPD)

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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