

SAMCO ANTENNAS, INC.

SAM-GOES-11 CROSS POLARIZED ANTENNA SPECIFICATIONS

The SAM-GOES-11 Cross Polarized Yagi Antenna is a rugged antenna designed for optimum performance for all GOES Satellite applications. The driven elements are fed by a solid 3/8" rod feed system that allows for maximum power input. The feed system is completely sealed from the elements in order to withstand unusually harsh weather situations and environments.

ELECTRICAL:

Frequency:	401.8 MHz nominal
Bandwidth:	6 MHz
Gain:	11 dB
Polarization:	Right hand circular
Input Power:	300 watts
Impedance:	50 Ohms
VSWR:	1.5 to 1 Max
Input Connector:	Type N Female

MECHANICAL/CONSTRUCTION

Material:	Aluminum
Boom:	1" reinforced tube
Elements:	3/8" rod
Mount:	Fits 1" or 2" pipe (2.5" OD maximum)
Azimuth Adjustment:	360 degrees
Elevation Adjustment:	360 degrees
Boom Length:	41.5 "
Longest Element:	15.5"
Weight:	5 lbs.
Shipping Weight:	9 lbs. including mounting
Shipping Size:	42" X 3" X 3"
Replacement Parts:	Most parts are replaceable in the field
Wind Load:	100 mph