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COMTELCO

Technical Specification **Y442409**

2400/2500 MHz YAGI ANTENNA

High Performance: *This 4 element yagi provides 9dBi / 7dBd gain.*

Rugged and weatherproof: *The radome construction provides excellent weather protection. The radome is constructed of UV inhibited ABS. The heavy duty mounting plate is extruded aluminum. Stainless steel V bolts are provided for long term reliability and resistance to corrosion.*

Lightweight and Durable: *This yagi antenna is easily installed by one person, yet is designed to withstand 125 MPH winds.*

Termination Options:
Type A: *12" Teflon pigtail with N connector.*

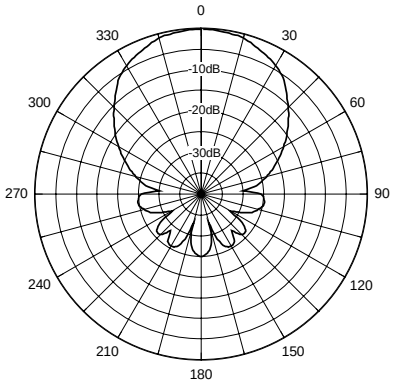
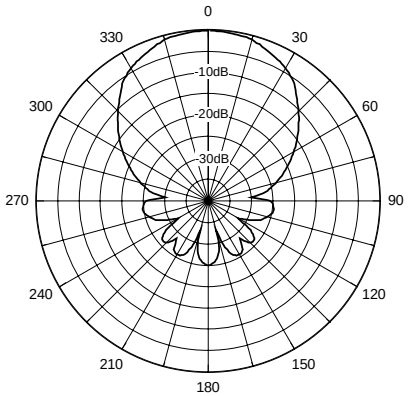
MECHANICAL SPECIFICATIONS

MATERIAL:	*1/2" aluminum U channel boom*
RADOME:	*3" UV inhibited ABS*
LENGTH:	*4"*
WEIGHT:	*1 lb.*
MOUNTING:	*2 1/2" mast maximum*
FLAT PLATE AREA:	*.055 ft^2*
WIND RATING:	*125 MPH*
WIND LOAD:	*2.47 lbs.*

ELECTRICAL SPECIFICATIONS

GAIN:	*9dBi / 7dBd*
FREQUENCY:	*2400-2500MHz*
F to B RATIO:	*15dB*
BANDWIDTH:	*>100MHz*
VERT BEAMWIDTH:	*50°*
HORIZ BEAMWIDTH:	*45°*
VSWR:	*1.5:1*
POWER RATING:	*150 watts*
IMPEDANCE:	*50 ohms*

Horizontal Pattern



Vertical Pattern