

COMTELCO

Technical Specification

Y42400WB

400MHz-800MHz 7dBd / 9dBi

WIDE BAND YAGI ANTENNA

High Performance: This 10 element yagi antenna provides 7dBd /9dBi gain with excellent wide band performance.

Rugged and weatherproof: Our hybrid radome construction provides excellent weather protection for our driven element. 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.



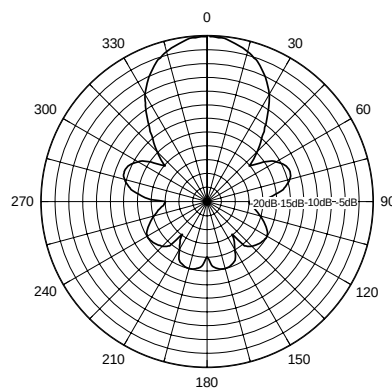
ELECTRICAL SPECIFICATIONS

GAIN:	7dBd / 9dBi
FREQUENCY@	
VSWR <1.5:1	400-800MHz
<2.2:1	400-1000MHz
F to B RATIO:	20dB
VERT BEAMWIDTH:	35 °
HORIZ BEAMWIDTH:	30 °
POWER RATING:	150 watts
IMPEDANCE:	50 ohms

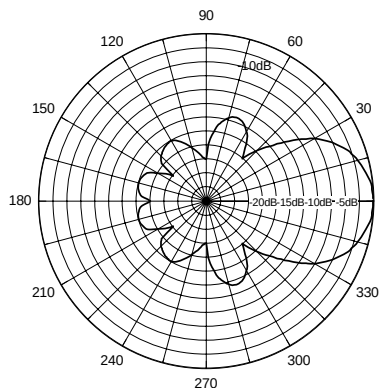
MECHANICAL SPECIFICATIONS

MATERIAL:	Aluminum & Brass booms
RADOME:	3/16" solid elements
LENGTH:	3" UV inhibited ABS
HEIGHT:	15"
WEIGHT:	14"
MOUNTING:	2 lb.
FLAT PLATE AREA:	2 1/2" mast maximum
WIND RATING:	.12 ft ²
WIND LOAD:	125 MPH
	8.1 lbs.

Horizontal Pattern



Vertical Pattern



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