COMTELCO

Technical Specification **Y221210**

1200-1400 MHz YAGI YAGI ANTENNA

High Performance: *This 10 element yagi antenna provides 10dBd gain with wide band performance.*

Rugged and weatherproof: *The construction of our standard duty yagis feature aluminum U channel with solid elements. All exposed areas are coated with UV polyester.*

Lightweight and Durable: *This yagi antenna is easily installed by one person, yet is designed to withstand 100 MPH winds.*

Termination Options:
Type A: *12" Teflon pigtail with N connector.*
Type B: *Direct TNC connection to the balun.*

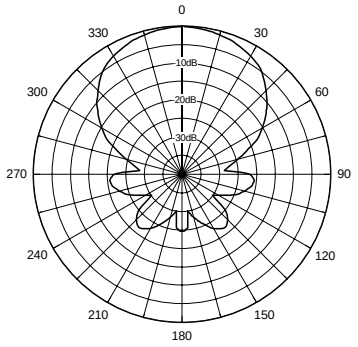
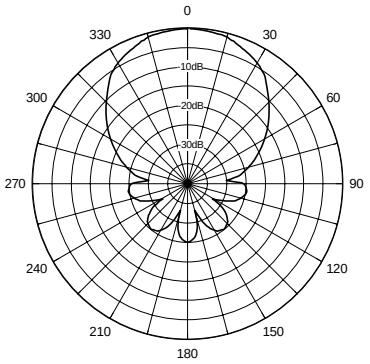
MECHANICAL SPECIFICATIONS

MATERIAL:	*1/2" aluminum U channel boom*
	3/16" solid elements
FINISH:	*UV inhibited polyester coat*
LENGTH:	*32 1/2"*
WEIGHT:	*1 lb.*
MOUNTING:	*1 5/8" mast maximum*
FLAT PLATE AREA:	*.128 ft^2*
WIND SURVIVAL:	*100 MPH*
WIND LOAD:	*7.7 lbs.*

ELECTRICAL SPECIFICATIONS

GAIN:	*10 dBd*
FREQUENCY:	*1200-1400MHz*
F to B RATIO:	*20dB*
BANDWIDTH:	*200MHz*
VSWR:	*<2:1*
POWER RATING:	*150 watts*
IMPEDANCE:	*50 ohms*

Horizontal Pattern



Vertical Pattern