

Technical Specification

406-512 MHz 12dB Gain

Y33412

HEAVY DUTY YAGI ANTENNA

High Performance: This 12 element antenna provides 12dBd gain.

Rugged and weatherproof: The construction of our heavy duty yagis feature 1" aluminum U channel with 3/8" solid elements. All exposed areas are powder coated with UV polyester. The balun assembly is filled and sealed with elastomeric thermoplastic.

Lightweight and Durable: These antennas are easily installed by one person.

Termination Options:

Type A: 12" Teflon pigtail with N connector.

Type B: Direct TNC connection to the balun.

Type D: Direct N connection to the balun.



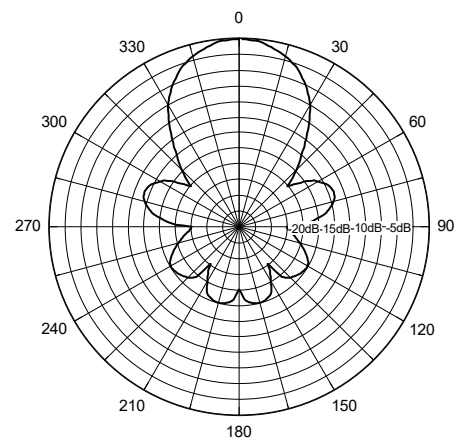
ELECTRICAL SPECIFICATIONS:

GAIN:	12dBd
FREQUENCY:	-A 406-430MHz -B 430-450MHz -C 450-470MHz -D 470-490MHz -E 490-512MHz
VSWR:	<2:1 @ 20MHz
VERT BEAMWIDTH:	42°
HORIZ BEAM WIDTH:	45°
RATING:	300 watts
IMPEDANCE:	50 ohms

MECHANICAL SPECIFICATIONS:

MATERIAL:	1" (2.54cm) heavy U channel boom 3/8" (9.5mm) solid elements
FINISH:	UV inhibited powder coat
LENGTH:	64" (1.62m)
WEIGHT:	<5 lbs. (2.3kg)
MOUNT:	2 3/8" (6cm) mast, stainless hardware
FLAT PLATE AREA:	.66 ft ²
WIND RATING:	125 MPH (201kph)
WIND LOAD:	39.6 lbs. (16.6kg)

Horizontal Pattern



Vertical Pattern

