

406-512 MHz 7dBd Gain

YAGI ANTENNA

High Performance: These antennas provide 7dBd gain wide band performance.

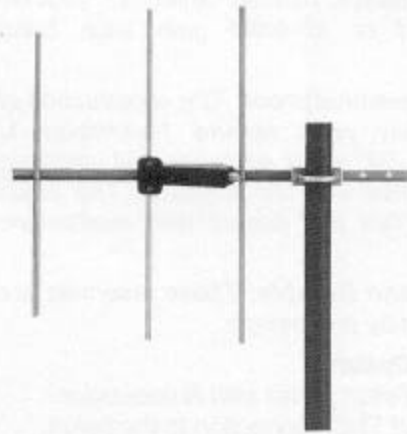
Rugged and Weatherproof: The construction of our standard duty yagis feature aluminum U channel with solid elements. All exposed areas are coated with UV inhibited polyester.

Lightweight and Durable: These antennas are easily installed by one person, yet are designed to withstand 100 MPH winds.

Termination Options:

Type A: 12" teflon pigtail with an N connector.

Type B: Direct TNC connection to the balun.



MECHANICAL SPECIFICATIONS

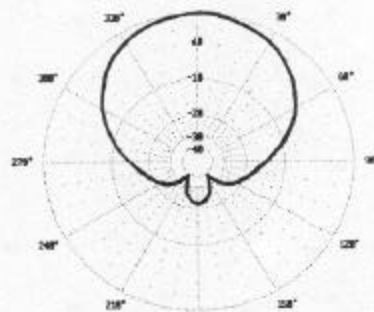
MATERIAL: 1/2" aluminum U channel boom
 1/4" solid elements
FINISH: UV inhibited polyester coat
BOOM LENGTH: 15"
WIDTH: 10"
WEIGHT: < 2 lbs.
MOUNTING: 1" maximum diameter mast
HARWARE: U bolts supplied
WIND SURVIVAL: 100 MPH
SHIPPING: UPS

ELECTRICAL SPECIFICATIONS

GAIN: 7dBd
FREQUENCY: A 406-430MHz
 B 430-450MHz
 C 450-470MHz
 D 470-490MHz
 E 490-512MHz
F/B RATIO: 15dB
BANDWIDTH: 20MHz
RATING: 150 watts
IMPEDANCE: 50 ohms

Y2243
 0dB = 7dBd

Horizontal
 Radiation
 Pattern



Vertical
 Radiation
 Pattern

