

COMTELCO

Technical Specification

Y2243

406-512 MHz 7dB Gain

YAGI ANTENNA

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

Rugged and weatherproof: The construction of our standard duty yagis feature 1/2" aluminum U channel with 1/4" solid elements. All exposed areas are 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 and are designed to withstand winds up to 125MPH.

Termination Options:

Type A: 12" Teflon pigtail with N connector.

Type B: Direct TNC connection to the balun.



ELECTRICAL SPECIFICATIONS:

GAIN: 7dBd F/B 15dB

FREQUENCY:
-A 406-430MHz
-B 430-450MHz
-C 450-470MHz
-D 470-490MHz
-E 490-512MHz

VSWR: <2:1

VERT BEAMWIDTH: 60°

HORIZ BEAM WIDTH: 70°

RATING : 150 watts, 50 ohms impedance

MECHANICAL SPECIFICATIONS:

MATERIAL: 1/2" aluminum U channel boom
1/4" solid elements

FINISH: UV inhibited polyester coat

LENGTH: 18"

ELEMENT LENGTH: 14" longest

WEIGHT: <2 lbs.

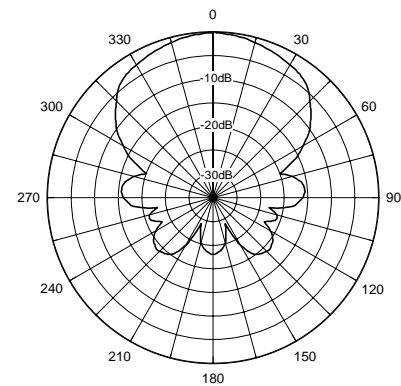
MOUNT: 1 5/8" mast, stainless hardware

FLAT PLATE AREA: .08 ft²

WIND RATING: 125 MPH

WIND LOAD: 4.7 lbs.

Horizontal Pattern



Vertical Pattern

