

Technical Specification

1.6/6.0 GHz ULTRA WIDEBAND

**Y442458HDSM
YAGI ANTENNA**

High Performance: This ultra wide band yagi provides 8dBi gain from 1.6 GHz to 6.0 GHz.

Rugged and weatherproof: The enclosed radome construction provides excellent weather protection. The radome is constructed of UV inhibited ABS. The standard swivel mounting plate allows for tilt and rotational options when mounting. The mount is black powder coated and is supplied with two stainless steel V- bolts and two aluminum V-blocks.

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.



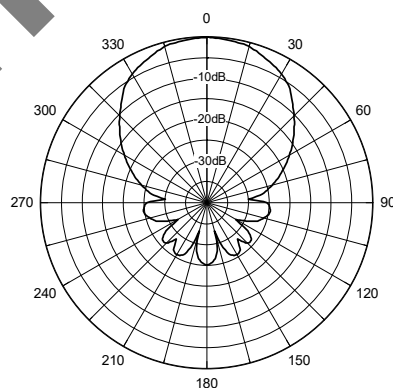
MECHANICAL SPECIFICATIONS

RADOME: 7" (17.7cm) UV inhibited ABS
LENGTH: 12" (30cm) with swivel mount plate
WEIGHT: 1 lb. (2.54cm)
MOUNTING: 2 1/2" (6.35cm) mast maximum
FLAT PLATE AREA: .055 ft²
WIND RATING: 125 MPH (201kph)
WIND LOAD: 2.47 lbs. (997g)

ELECTRICAL SPECIFICATIONS

GAIN: 8dBi
FREQUENCY: 1.6-6.0GHz
F to B RATIO: 15dB
BANDWIDTH: >4.6GHz
VERT BEAMWIDTH: 60°
HORIZ BEAMWIDTH: 65°
VSWR: <2:1
POWER RATING: 150 watts
IMPEDANCE: 50 ohms

Horizontal Pattern



Vertical Pattern

