

Technical Specification 1710/1880 MHz YAGI

Y221810
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" (30cm) Teflon pigtail with N connector.

Type B: Direct TNC connection to the balun.

MECHANICAL SPECIFICATIONS

MATERIAL: 1/2" (4cm) aluminum U channel boom
3/16" solid elements

FINISH: UV inhibited polyester coat

LENGTH: 27" (69.cm)

WEIGHT: 1 lb. (453kg)

MOUNTING: 1 5/8" (1.4cm) mast maximum

FLAT PLATE AREA: .119 ft²

WIND RATING: 125 MPH (201kph)

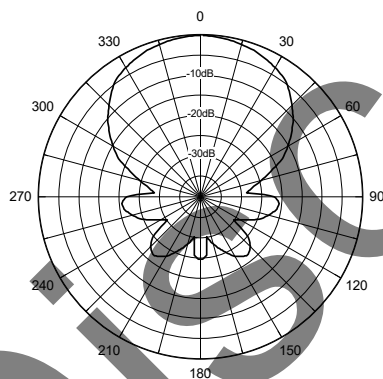
WIND LOAD: 7.2 lbs.(3.kg)



ELECTRICAL SPECIFICATIONS

GAIN: 10.dBd
FREQUENCY: 1710-1880MHz
F to B RATIO: 20dB
BANDWIDTH: 170MHz
VSWR: <2:1
POWER RATING: 150 watts
IMPEDANCE: 50 ohmsΩ

Horizontal Pattern



Vertical Pattern

