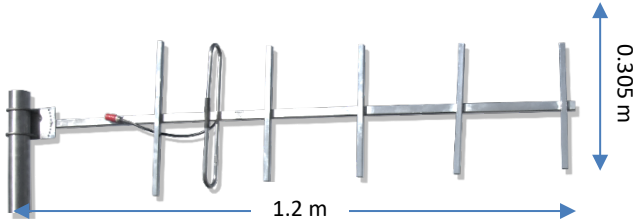


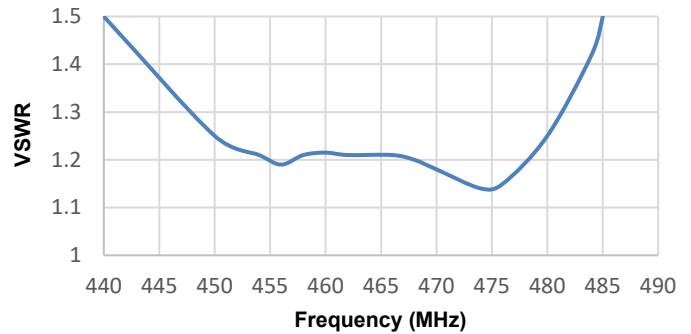
DATASHEET

SKU: 02682W

Benelec UHF 9dBd 6 Element Yagi Antenna 450-480MHz with Stainless Steel Bracket



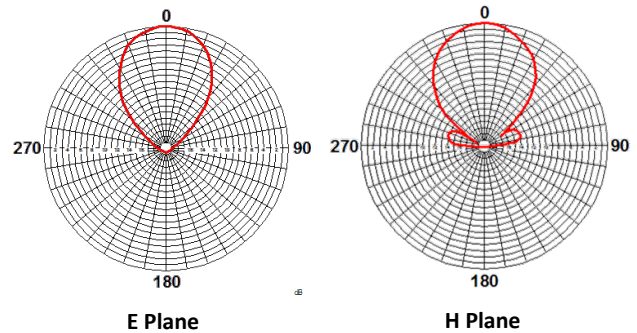
VSWR



The 02682W antenna is a 9.0dBd Gain, Yagi antenna for use in the Commercial Radio Band. Its high gain affords exceptional radio link coverage. The 02682W antenna offers a stable radiation pattern across the whole band 450 - 480 MHz. Its robust construction ensures excellent longevity and performance.

The Antenna is finished in Electropolished Stainless Steel, ideally suited for weather and corrosion resistance. All mechanical connections are welded for minimum inter-modulation levels. All electrical connections are directly soldered.

RADIATION PATTERNS



APPLICATIONS

Link Coverage for the Commercial Radio Band

TUNING

Factory tuned; no further tuning required

FEATURES

- 450 - 480 MHz UHF Band
- 9 dBd Gain
- All Electropolished Welded
- S/S Components
- Quality feed cable
- Weather & Corrosive resistance
- Durable
- Adjustable mount $\pm 20^\circ$ to the horizontal

MOUNTINGS

02809 Heavy Duty Stainless Steel Tilted Angled Mounting Bracket (included)

PACKAGING

Cardboard box, 1 Antenna per box, 1220 x 620 x 75 mm, Gross Weight: 1.9 kg

SPECIFICATIONS

Frequency	450 – 480 MHz
Tuned Bandwidth	30 MHz
F/B Ratio	18 dBd
Gain	9 dBd
Impedance	50 Ω Nominal
Operating VSWR	<1.5:1
Radiation Pattern	Directional
Power	100 W
Length	1.2 m
Width	0.305 m
Weight	1.4 kg
Termination	Cable Tail, N Female Receptacle
Construction	All Welded Stainless Steel
E Plane Beamwidth	48 Deg
H Plane Beamwidth	55 Deg

WARRANTY

3 Years (Please refer to [Benelec Terms & Conditions](#))

Website: benelec.au