

DATASHEET

Benelec UHF 9dBd 6 Element Yagi Antenna (480-520MHz) with Stainless Steel Bracket

The 02682Z antenna is a 9.0dB Gain, Yagi antenna for use in the Commercial Radio Band. Its high gain affords exceptional radio link coverage. The 02682Z antenna offers a stable radiation pattern across the whole band 480 - 520 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.

TUNING

Factory tuned; no further tuning required.

APPLICATIONS

Link coverage for the Commercial Radio Band.

FEATURES

- 480 – 520 MHz UHF Band
- 9dBd Gain
- All Electropolished Welded
- S/S Components
- Quality feed cable
- Weather & Corrosive resistance
- Durable
- Adjustable mount $\pm 19^\circ$ to the horizontal

MOUNTINGS

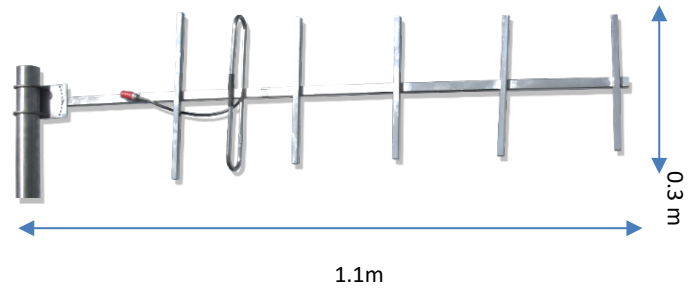
Heavy Duty Stainless Steel Tilted Angled Mounting Bracket (Included)

SPECIFICATIONS

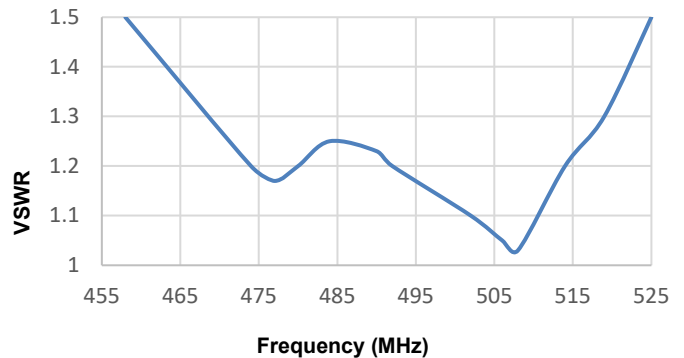
Frequency	480 – 520 MHz
Tuned Bandwidth	40 MHz
F/B Ratio	18dB
Gain	9dBd
Impedance	50 Ω (Nominal)
Operating VSWR	< 1.5:1
Radiation Pattern	Directional
Wind Loading	13.25kg (129.97N) @160kph (Area is 0.12006SQM)
Length	1.1m
Width	0.3m
Weight	1.3kg
Termination	Cable Tail, N Female Receptacle
Construction	All Welded Stainless Steel
E Plane Beamwidth	48 Deg
H Plane Beamwidth	50 Deg

PACKAGING

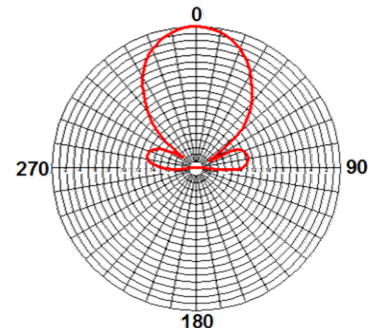
Cardboard box, 1 Antenna per box, 1200 x 620 x 75 mm, G.W.: 1.9 kg



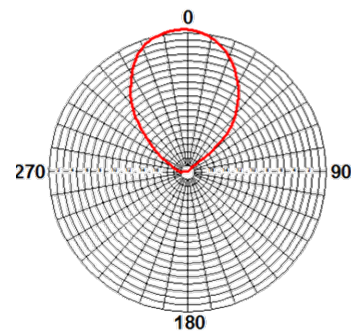
VSWR



RADIATION PATTERN



H Plane



E Plane

WARRANTY

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

Website: benelec.au