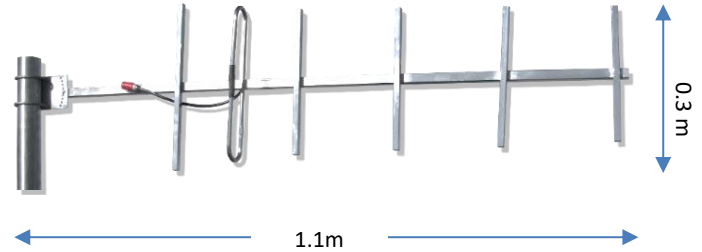


UHF 9dBd 6 ELEMENT WELDED STAINLESS STEEL YAGI 480 – 520 MHz

PART NO: **02682Z**

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.



APPLICATIONS

Link coverage for the Commercial Radio Band.

TUNING

Factory tuned, no further tuning required.

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

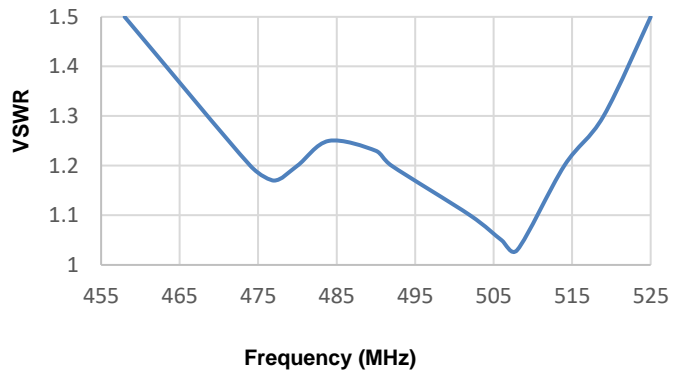
PACKAGING

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

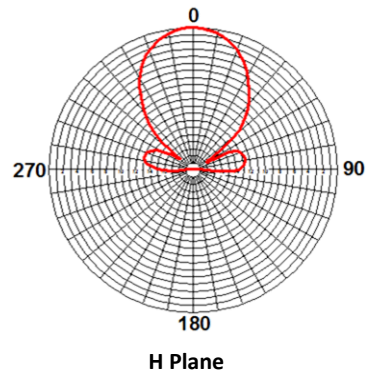
WARRANTY

3 years (Please refer to Benelec Standard Warranty Terms and Conditions)

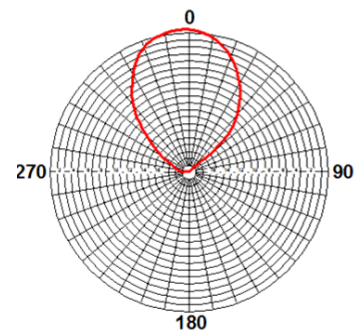
VSWR



RADIATION PATTERN



H Plane



E Plane