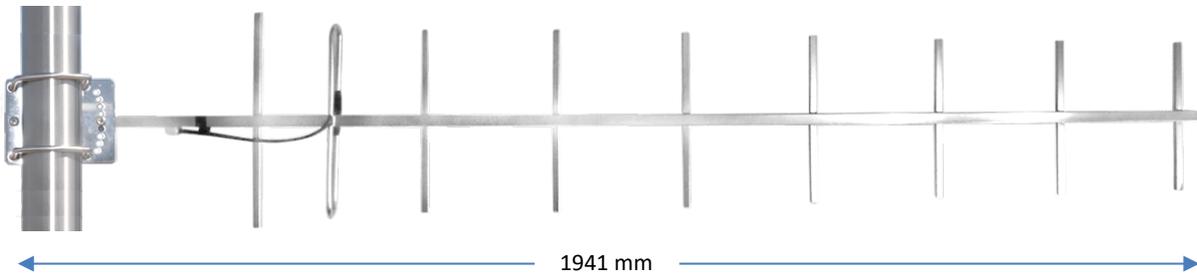


## DATASHEET

### UHF 9 ELEMENT WELDED STAINLESS STEEL YAGI 420 – 440 MHz, 12 dBd



The 02683T offers exceptional directional radio link coverage. It offers a stable radiation pattern across the whole band. All elements are welded for robust construction and minimum inter-modulation. All electrical connections are expertly soldered directly to the elements to further eliminate potential noise. The antenna is Electropolished to maximise corrosion resistance and withstand extreme weather conditions extending longevity without deterioration in performance.

#### APPLICATIONS

Link Coverage for the UHF 70 cm Amateur Radio Band.

#### TUNING

Factory tuned, no further tuning required.

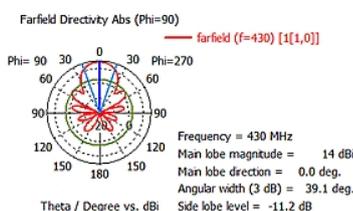
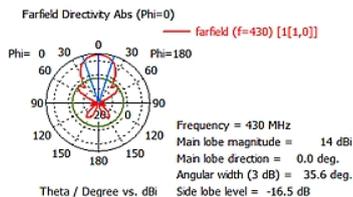
#### FEATURES

- UHF 420 – 440 MHz Band
- 12 dBd Gain
- Durable robust construction
- Intermodulation low noise construction
- Electropolished welded stainless steel construction
- Extreme weather resistance

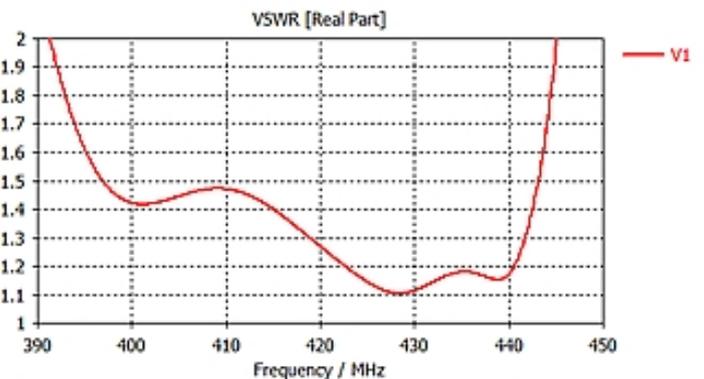
#### MOUNTING

Heavy Duty Angle Bracket (Included) allows  $20^\circ \pm$  horizontal adjustment.

#### RADIATION PATTERNS



#### VSWR



#### SPECIFICATIONS

Frequency	420 -440 MHz
Gain	12 dBd (14 dBi)
Impedance	50 $\Omega$
H Plane Beamwidth	39 Deg
E Plane Beamwidth	36 Deg
F/B Ratio	18 dB
Total Projected Area	0.16 sqm
Wind Loading	17.7 kg / 173.2 N @ 160 kph
Tuned Bandwidth	20 MHz
Length	1941 mm
Width	330 mm – widest element
Net Weight	3.29 kg
Termination	Cable tail with N-Type Female Receptacle
Construction	All Stainless Steel Construction
Power	150 W

#### PACKAGING

Bubble wrapped, 1 pc per Shipping Carton, G.W.: 5.2 Kg

#### WARRANTY

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