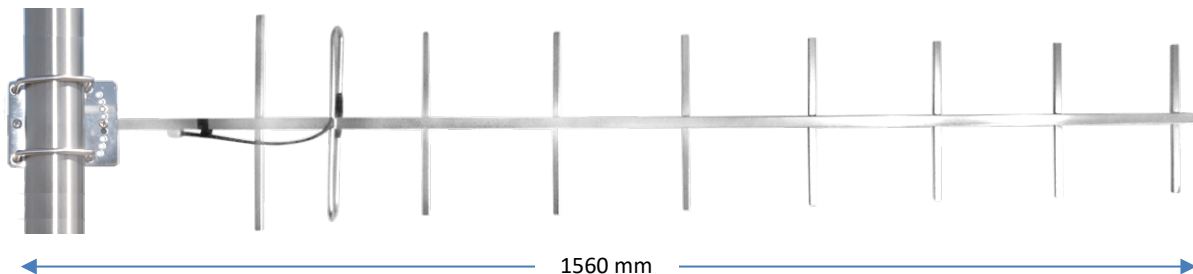


DATASHEET

UHF 9 ELEMENT WELDED STAINLESS STEEL YAGI 470 – 490 MHz, 12 dBd



The 02683X 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 Commercial Radio Band.

TUNING

Factory tuned, no further tuning required.

FEATURES

- UHF 470 – 490 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° ± horizontal adjustment.

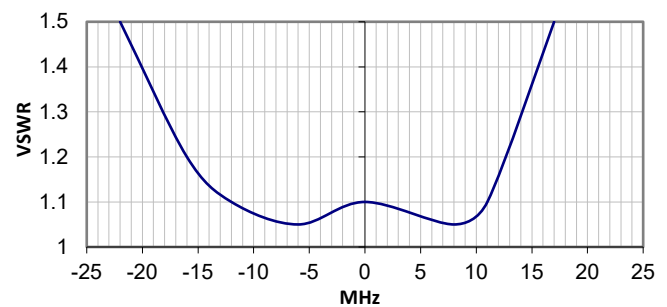
PACKAGING

Bubble wrapped, 1 pc per Shipping Carton, G.W.: 5.65 Kg

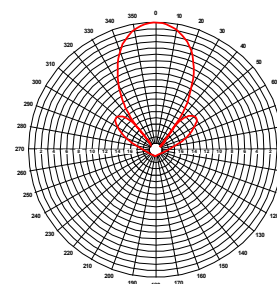
WARRANTY

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

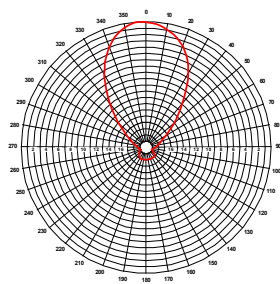
VSWR



RADIATION PATTERN



E Plane @ 470 MHz



H Plane @ 470 MHz

SPECIFICATIONS

Frequency	470 – 490 MHz
Gain	12 dBd
Impedance	50 Ω
H Plane Beamwidth	36 Deg
E Plane Beamwidth	45 Deg
F/B Ratio	17 dB
Tuned Bandwidth	20 MHz
Length	1560 mm
Width	292 mm
Net Weight	3.35 kg (weight including bracket)
Termination	Cable tail with N-Type Female Receptacle
Construction	All Stainless Steel Construction