

DATASHEET

SKU: 024842

Benelec UHF 15 Element Dual Yagi Array 800-896MHz



The 024842 yagi antenna is a 15dBd Gain 15element all Stainless Steel two stack directional yagi antenna array for use in the 800-896MHz radio band. Its gain affords excellent radio link/4G coverage*.

Its robust construction ensures excellent longevity and performance. The all Stainless Steel construction is 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 applications. LTE Bands 5, 6, 18, 19, 20, 26, 27*

TUNING

Factory tuned; no further tuning required.

FEATURES

- All Stainless Steel
- Full band coverage
- Low VSWR across band
- All welded construction

MOUNTINGS

Yagis are welded to horizontal pole. 2 brackets supplied

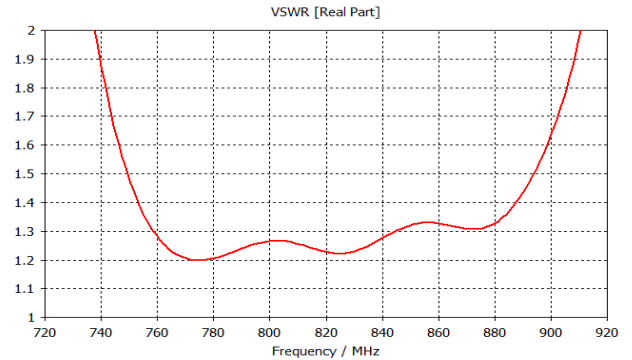
PACKAGING

Cardboard box, 1 ea, 1360 x 320 x 620 mm, G.W.: 13 kg

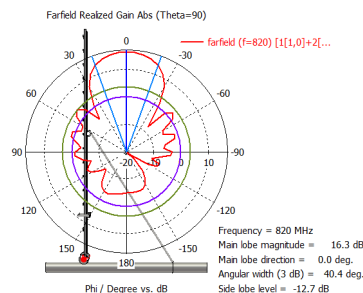
WARRANTY

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

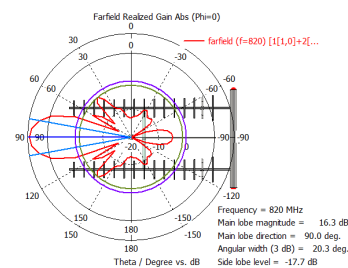
VSWR



RADIATION PATTERNS



H Plane



E Plane

SPECIFICATIONS

Frequency	800 – 896 MHz
Gain	15 dBd (mid band)
VSWR	< 1.5:1 entire band
Impedance	50 Ω
Polarisation	Horizontal
F/B Ratio	20 dB (mid band)
Termination	N Type Female Connector
Base Materials	All Stainless Steel
Antenna Length	1156 mm
Antenna Width	700 mm – Widest
Power Rating	100 watts
Wind Loading @ 160 KPH	189.95 N
E Plane 3 dB Beamwidth	18 deg
H Plane 3 dB Beamwidth	45 deg
Projected Area	0.175432 sqm

Website: benelec.au