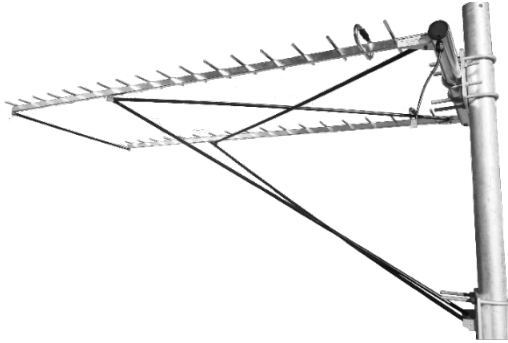


DATASHEET

18 ELEMENT 2 STACK YAGI ARRAY

804 – 854 MHz, 19 dBi

PART NO: 024872



The 024872 yagi antenna is a 18.8dBi Gain 18element all Stainless Steel two stack directional yagi antenna array for use in the 804-854MHz radio band. Its gain affords excellent radio link 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. All figures calculated & provisional until field testing.

APPLICATIONS

Link Applications

TUNING

Factory tuned; no further tuning required.

FEATURES

- All Stainless Steel
- Internal cabling
- Full band coverage
- Low VSWR across band
- All welded construction
- Bracing Kit

MOUNTINGS

Yagi is mounted on horizontal pole

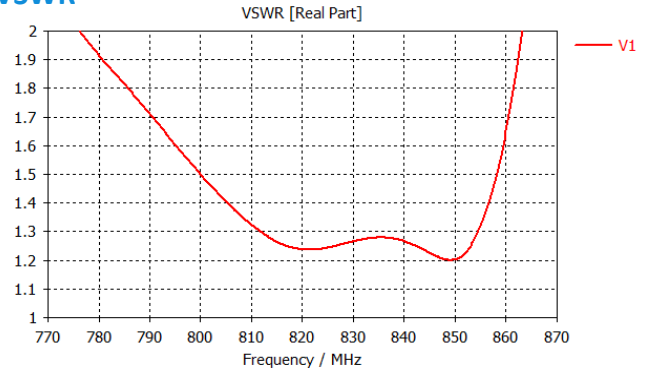
PACKAGING

1960 x 970 x 160 Cardboard box

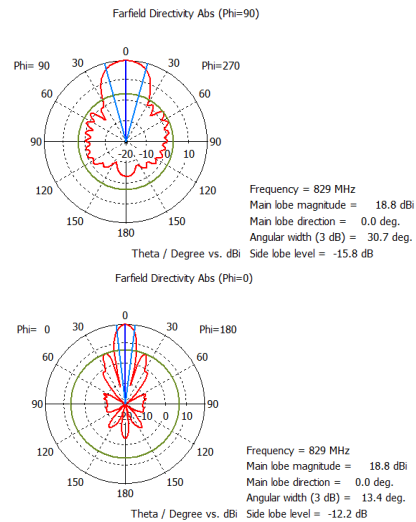
WARRANTY

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

VSWR



RADIATION PATTERN



SPECIFICATIONS

Frequency	804 – 845 MHz
Gain	17 dBd, 19 dBi (18.8 dBi mid band)
VSWR	<1.5:1 entire band
Impedance	50 Ω Nominal
Polarisation	Horizontal
F/B Ratio	20 dB (mid band)
Termination	N Type Female Connector
Base Materials	All Stainless Steel
Antenna Length	1900 mm
Antenna Width	1000 mm -widest
Power Rating	200 watts
Wind Loading @ 160 KPH	241.7 N
E Plane 3 dB Beamwidth	13.4 deg
H Plane 3 dB Beamwidth	30 deg
Projected Area	0.22327 SQM
Weight	16.0 kg