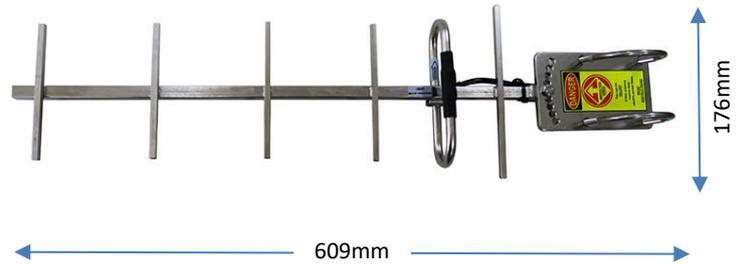


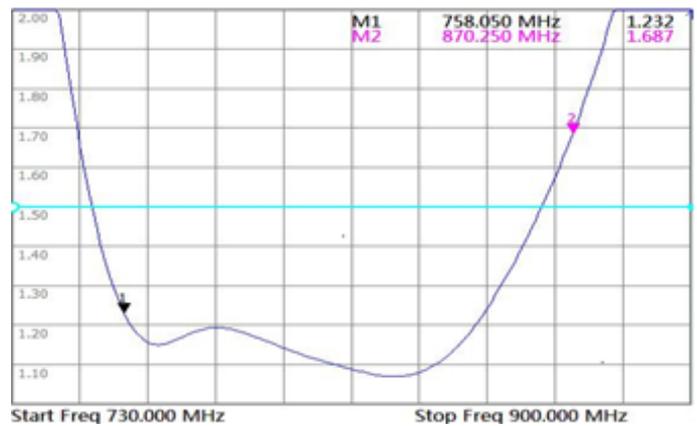
DATASHEET

9dBd - 6 Element Stainless Steel Yagi 758 - 870 MHz

The 024821 antenna is an 9dBd Gain, Stainless Steel Yagi antenna for use in the linking band. Its high gain affords exceptional radio link coverage. The antenna offers a stable radiation pattern across the whole band 758 – 870 MHz. Its robust construction ensures excellent longevity and performance. The Stainless-Steel construction is ideally suited for weather and corrosion resistance. All mechanical connections are welded for minimum inter-modulation levels. All electrical connectors are directly soldered.



VSWR



APPLICATIONS

Link coverage for the 758 – 870 MHz Radio Band.

TUNING

Factory tuned, no further tuning required.

FEATURES

- Stainless Steel mounting boom & bracket
- Folded Stainless Steel Dipole
- Solid Stainless Steel passive elements
- Rugged Construction

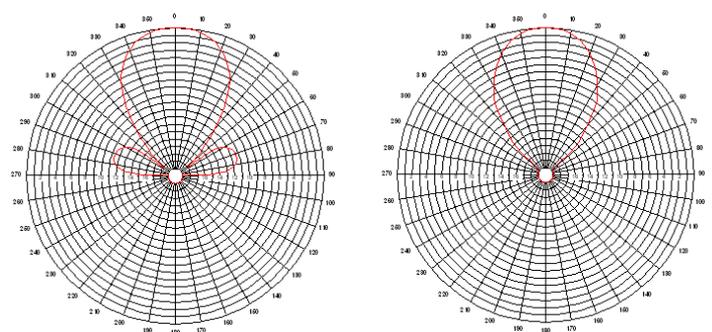
SUPPLIED MOUNTING

02809 Angle adjustable Mounting clamp Maximum pole size: 62mm

SPECIFICATIONS

Frequency range	758 – 870 MHz
Gain	9 dBd
Bandwidth	*12 MHz <1.5:1 VSWR
Impedance	50 Ohms nominal
Polarisation	Vertical
Radiation	Directional
Termination	Cable Tail with N Type Female Receptacle
Power	100W
Mounting tube	1/2" Square Stainless-Steel Tube
Bracket	02809 Adjustable angle bracket
Antenna Length	0.609 Metres
Antenna Width	0.176 Metres
Total Projected Area with 0.5" ice	0.026m ² 0.066m ²
Wind load with 0.5" ice @ 160 KPH	7.14Kgf / 70N 19.37Kgf / 190N

RADIATION PATTERNS



3 dB E Plane @ 825 MHz

3 dB H Plane @ 825 MHz

PACKAGING

Cardboard Box; 1 antenna per Box

WARRANTY

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