

DATASHEET

SINGLE STACK 6 dBd OMNI-DIRECTIONAL UHF ARRAY

380 – 490 MHz



The 02681V4 Antenna is an omni-directional single stack array which covers the band 380 – 490MHz. It is ideally suited to transmitter or receiver multi-coupling applications where wide bandwidths are required. The antenna offers 6 dBd of gain on the horizon. The antenna is manufactured entirely out of Stainless Steel and has fully enclosed cabling.

APPLICATIONS

Base station applications – multicoupling.

TUNING

Factory tuned, no further tuning required.

FEATURES

- All stainless steel
- Full 400 – 520 MHz bandwidth
- All welded construction
- 3 dBd of gain
- Internal cabling

OPTIONAL MOUNTINGS

- 02812** Mounting clamp, Par H/D R/A Galv
- 02814** Mounting Bracket Base Uni 100/60 S/S

WARRANTY

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

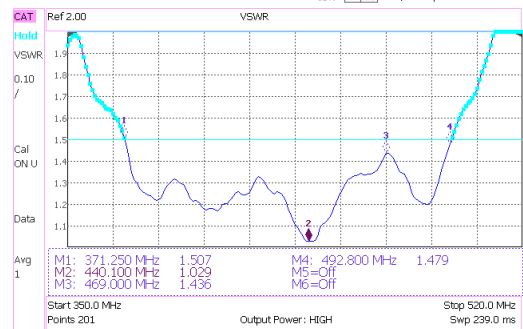
SPECIFICATIONS

Gain	6 dBd (8 dBi)
Operating Frequency	380 – 490 MHz
VSWR Bandwidth	Less than 1.5:1 380 – 490 MHz
Impedance	50 Ω Nominal
Polarisation	Vertical
Radiation	Omni Directional
Power Rating	500 watts
Cable	RG213 Cable Tail
Termination	N Female
Base Materials	Stainless Steel
Antenna Length	2840 mm
Antenna Width	270 mm
Wind Loading	160 kph 29.21 kg / 286.4628 N
Weight	12 kg

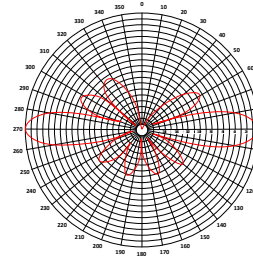
VSWR

Agilent Technologies: N9912A, SN: US48310186

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RADIATION PATTERN



E Plane