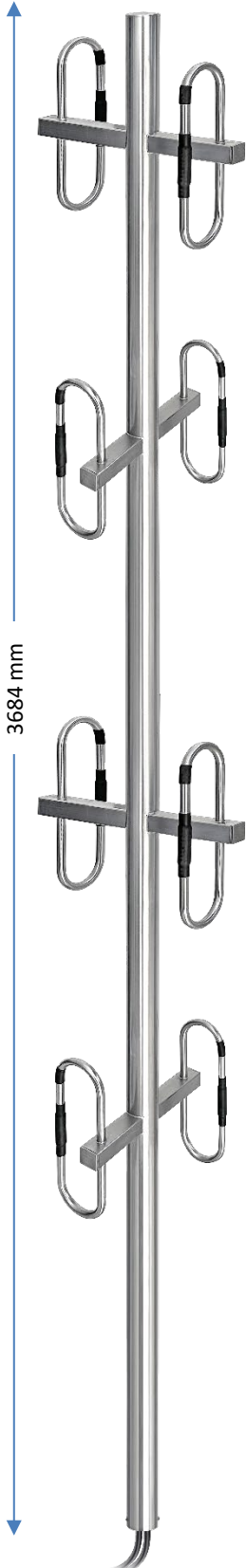


DATASHEET

SKU: 02681Z22

UHF 2 x 3dBd Base Omni-Dipole Dual Array Antenna

400 – 520 MHz



The 02681Z22 Antenna is an omni-directional dual stack array which covers the band 400 – 520 MHz. It is ideally suited to transmitter/receiver multi-coupling applications where wide bandwidths are required. Dual stacking allows the use of each 3 dB array separately. Each array offers 3dBd of gain on the horizon with low level side lobes. The antenna is manufactured in Stainless Steel and has fully enclosed cabling.

APPLICATIONS

Base station applications – multicoupling.

TUNING

Factory tuned, no further tuning required.

FEATURES

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

OPTIONAL MOUNTINGS

Please refer to our website for all Mountings.

PACKAGING

Individually packed in Cardboard Box

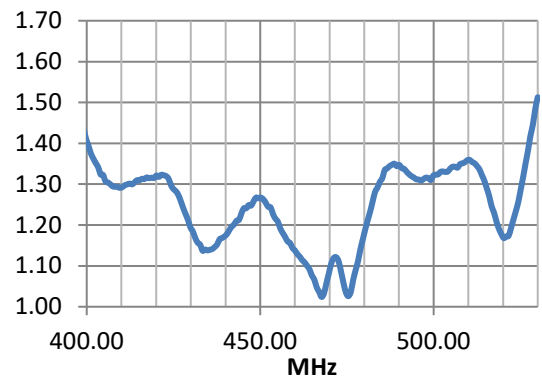
WARRANTY

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

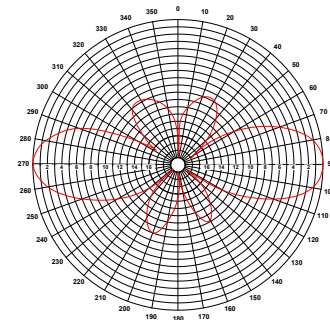
SPECIFICATIONS

Gain	3 dBd (5 dBi) Both antennas
Frequency	400 – 520 MHz
VSWR	Less than 1.5:1
Impedance	50 Ω Nominal
Polarisation	Vertical
Radiation	Omni Directional
Power Rating	500 Watts
Cable	RG214 Cable Tail
Termination	N Socket
Base Materials	Stainless Steel
Antenna Length	3684 mm
Antenna Width	283 mm
Wind Loading	160 KPH 32.20 KG / 315.77 N
Projected Area	0.24842 sqm
Weight	16 kg
Antenna Isolation	-30 dB

VSWR



RADIATION PATTERN



E Plane

Website: benelec.au