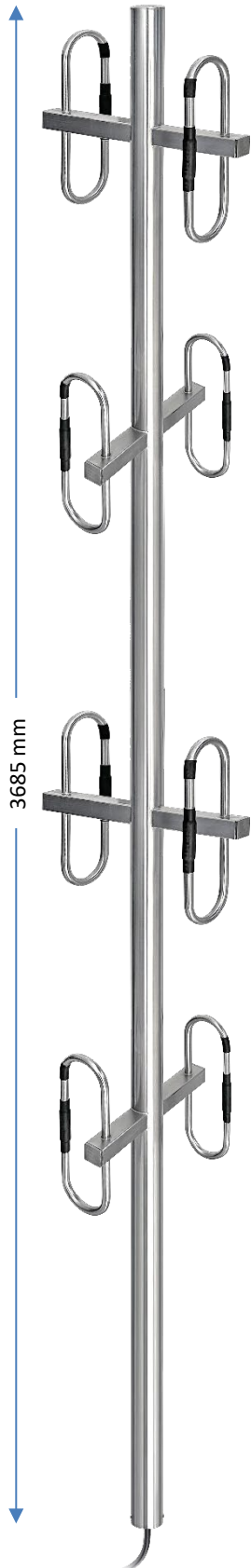


DATASHEET

Benelec UHF 6dBd Base Omni-Dipole Array Antenna

400 – 520 MHz, Ns



The 02681Z4 Antenna is an omni-directional single stack array which covers the band 400-520MHz. It is ideally suited to transmitter or receiver multi-coupling applications where wide bandwidths are required. The antenna offers 6dBd 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 construction
- Full 400 – 520 MHz bandwidth
- All welded construction
- 6 dBd of gain
- Internal cabling

OPTIONAL MOUNTINGS

Please refer to our website for all Mountings.

PACKAGING

Individually packed in Cardboard Box

Dimensions: 3450 x 300 x 300 mm

Weight: 19 kg each

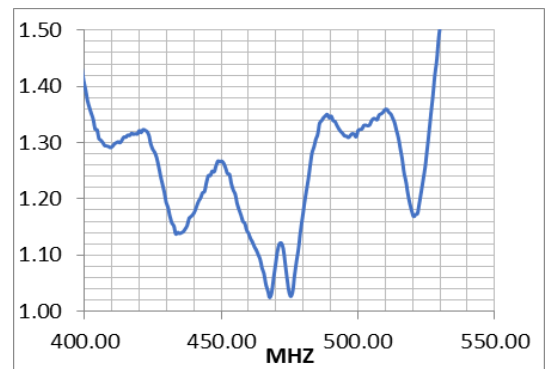
WARRANTY

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

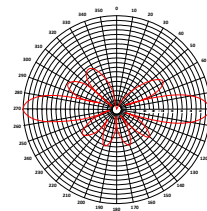
SPECIFICATIONS

Gain	6 dBd (8 dBi)
Operating Frequency	400 – 520 MHz
VSWR Bandwidth	Less than 1.5:1
Impedance	50 Ω Nominal
Polarisation	Vertical
Radiation	Omni Directional
Power Rating	500 watts
Cable	RG214 Cable Tail
Termination	N Female
Base Materials	Stainless Steel
Antenna Length	3685 mm
Antenna Width	270 mm
Wind Loading	160 kph 29.21 kg / 286.4628 N
Weight	19 kg

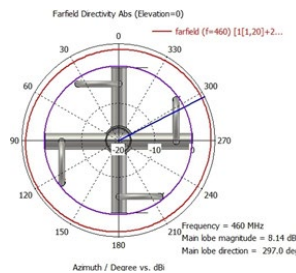
VSWR



RADIATION PATTERN



E Plane



H Plane