

## Model No 02686

### Discone Base Station Antenna 200 - 520MHz

The 02686 Discone Antenna is a broad frequency antenna suited to Military applications across the frequency range 200-520 MHz. It offers a stable radiation pattern and low VSWR response across the entire 200-520 MHz band. The antenna offers a Stainless Steel central feed section and radiators, making it a reliable robust unit.

#### Applications

Transmit and Receive applications requiring coverage of military frequency bands.

#### Tuning

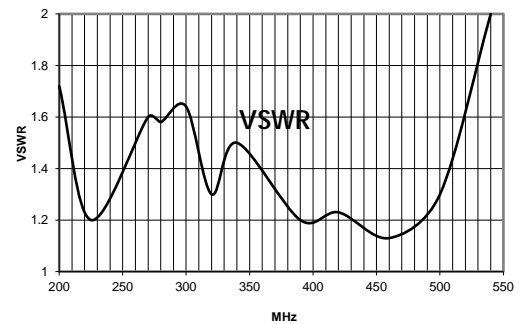
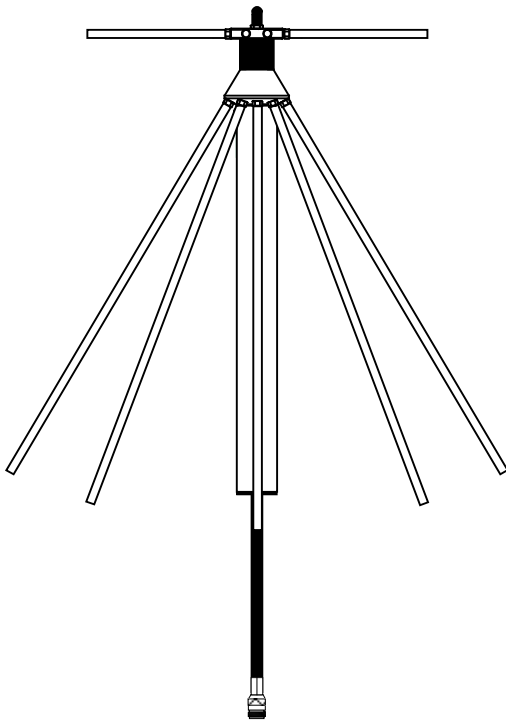
Factory Tuned, no further tuning required.

#### Features

- ✓ Removable Radials.
- ✓ Transmit Capability.
- ✓ High Power Handling.
- ✓ Base Radial Support.
- ✓ 8 Top & 8 Bottom Radials.
- ✓ Reliability
- ✓ Stainless Steel Construction
- ✓ Military Green finish.

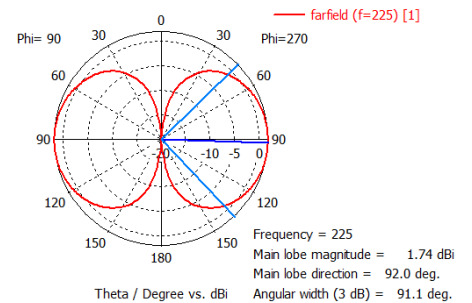
#### Mounting Options

Benelec Mounting Clamp 02814 or 02815

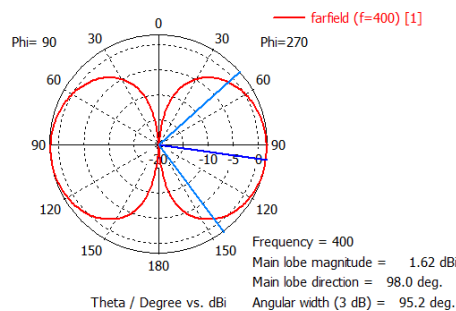


#### Radiation Pattern

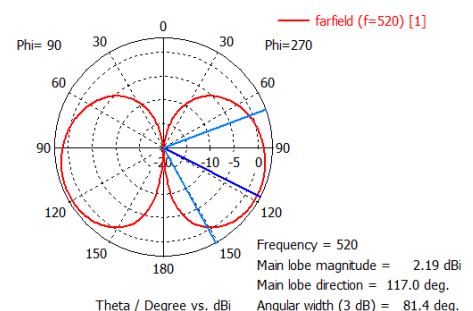
Farfield Directivity Abs (Phi=90)



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#### Specifications

<b>Frequency:</b>	200-520 MHz
<b>Tuned Bandwidth:</b>	200-520 MHz
<b>Gain:</b>	0dB nominal
<b>VSWR:</b>	<1.7:1
<b>Impedance:</b>	50 Ω
<b>Polarization:</b>	Vertical
<b>Radiation:</b>	Omni Directional
<b>Termination:</b>	N Female RG213 Cable Tail
<b>Mounting Tube:</b>	42mm Diam x 700mm
<b>Antenna Length:</b>	587mm
<b>Weight:</b>	3.0 kg

#### Packaging

700 x 150 x 70 mm Carton @ 3.2 kg

#### Warranty

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