

## DATASHEET

### Benelec UHF Base 2.5dBd Folded Dipole Antenna

360-520MHz, 1/4 & 1/2 Wavelength Short Boom with Stainless Steel Bracket

The 02680AS side mount dipole is a rugged broadband dipole for use in the band 360-520MHz band. It is all Stainless Steel construction, suited to harsh environments.

The antenna can be mounted in three configurations to allow for different shaped radiation patterns in the H-plane.

### APPLICATIONS

Wide Beamwidth, low gain, base station.

### TUNING

No tuning required – factory tuned.

### FEATURES

- All electropolished stainless steel
- Broad H Plane pattern
- Rugged construction
- Broad VSWR bandwidth
- Mounting markers 1/4, 1/2, 1 wave

### SPECIFICATIONS

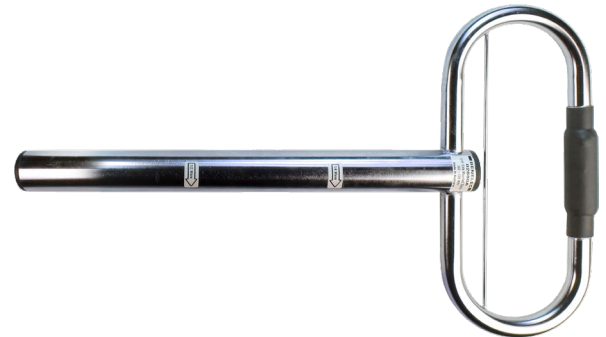
|                 |                                      |
|-----------------|--------------------------------------|
| Gain            | Unity (0dBd)                         |
| VSWR            | <1.5:1                               |
| Impedance       | 50 Ohm Nominal                       |
| Power Rating    | 100watts                             |
| Polarisation    | Vertical                             |
| E Plane         | 80 deg                               |
| H Plane         | Directional – see radiation pattern  |
| Cable           | RG 213 cable tail                    |
| Termination     | N Male connector                     |
| Base Materials  | Stainless Steel                      |
| Wind Loading    | 0.02290 SQM 2.5kg (24.887N) @ 160kph |
| Net Weight      | 1.2kg                                |
| Ant+boom length | 520mm                                |

### PACKAGING

Cardboard box, 8 Antenna per box, 1520x350x200 mm, G.W. 16 kg

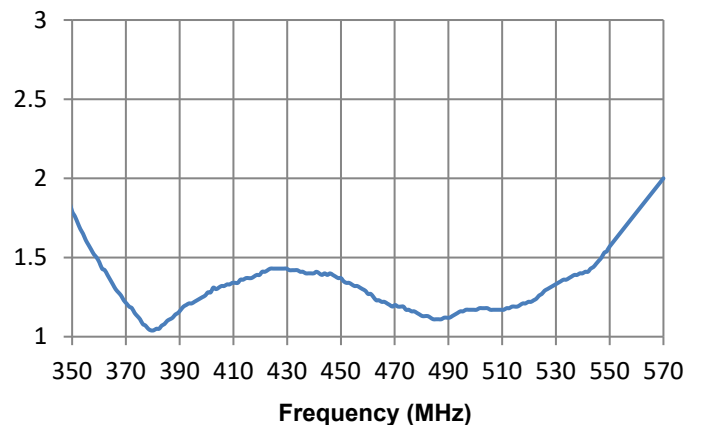
### WARRANTY

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



520mm

### VSWR



### H Plane

