

## Part No. **02649S** 9dBd UHF Citizen Band Base Station Antenna

The 02649S antenna is a 9dBd gain, Citizens Band, Base Station antenna covering the UHF Citizens Radio Band. Its high gain affords exceptional radio range coverage over distances not normally serviced by lower gain antennas. The 02649S antenna offers a stable radiation pattern with negligible horizontal pattern tilt. Its robust construction ensures excellent longevity and performance. Its smooth white tapered radome presents an attractive profile.

### Application

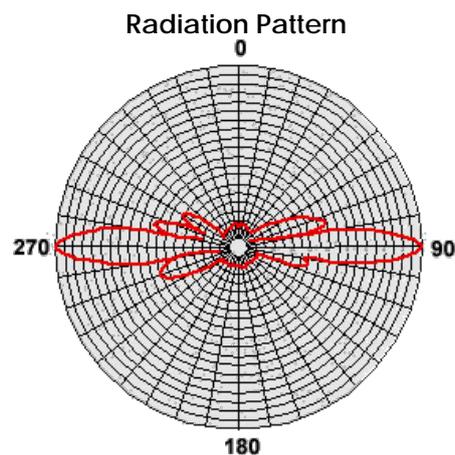
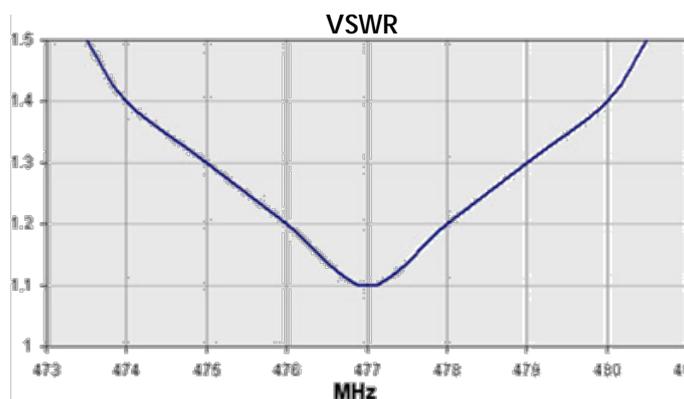
Base coverage for the UHF Citizens Radio Band.

### Tuning

Factory tuned, no further tuning required.

### Features

- ✓ 477MHz Citizens Band
- ✓ 9dBd Gain
- ✓ Stainless Steel Mounting
- ✓ Attractive smooth white tapered Radome
- ✓ Stainless Steel Radiators
- ✓ Fixed N Female Connector
- ✓ Durable



### Optional Mountings

**02811S\*** or **02813** Mounting Clamps

\* 02811S recommended for Marine Applications

### Warranty

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

### Specifications

<b>Frequency:</b>	476.425 - 476.900 MHz, Tuned Bandwidth 3 MHz
<b>Gain:</b>	9dBd (~12dBi)
<b>Impedance:</b>	50 Ω (Nominal)
<b>Operating VSWR:</b>	< 1.5:1
<b>Radiation Pattern:</b>	Omni Directional
<b>E Plane Beamwidth:</b>	9 Deg
<b>Length:</b>	4.21 m
<b>Weight:</b>	3.32 kg
<b>Termination:</b>	N-Type Female Receptacle
<b>Construction:</b>	S/Steel Radiators, Fibreglass Radome,
<b>Mounting Tube:</b>	S/Steel Mounting Tube (32 (OD) x 465 (L) mm)

### Packaging

Cardboard paper tube, one antenna per tube, 40 (OD) x 4200 (L) mm, **G.W.:** 4.8 kg.

