

## Part No 02634UMC

### UHF 380-490MHz Rugged Ground independent Vertical Dipole

The 02634UMC antenna is a rugged ground independent antenna for use in extreme environments. It is constructed with a solid matching section base, and a rugged flexible stainless steel wire cable radiating section. This antenna comes with a separate base allowing removal of the antenna. The wide bandwidth is ideally suited to coverage across many operating bands. This antenna is ground independent and will operate on both metal and non metal surfaces. It is ideally suited to the mining industry or other severe environments, where damage to conventional antennas is prevalent.

#### Applications

Extreme environments, Broadband

#### Tuning

Factory tuned requires no further tuning.

#### Features

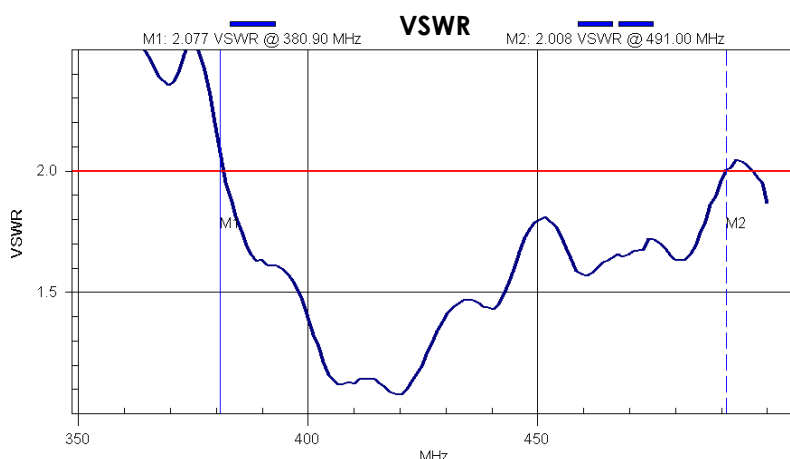
- ✓ Rugged matching section.
- ✓ Removable from mounting base.
- ✓ Rugged stainless steel radiator.
- ✓ Wide bandwidth.
- ✓ FME connector to suit adaptors.

#### Optional Mountings

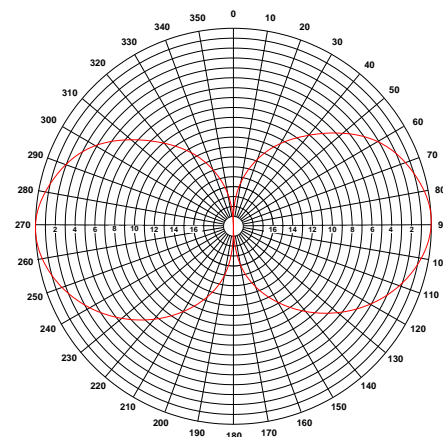
- 02728** Mirror Bracket
- 02730** Right Angle Stainless Steel Bull Bar Bracket
- 027303** Adjustable Tilt Lip Mount
- 02732** Extra Heavy Duty Polish Stainless Steel Bull Bar Bracket
- 027321** Extra Heavy Duty Polish Stainless Steel Bull Bar Bracket - large
- 02734** Stainless Steel "Z" Bracket

#### Specifications

<b>Gain:</b>	Unity (+2.15dBi)
<b>VSWR:</b>	Less than 2.0:1 380-490MHz
<b>Impedance:</b>	50 Ohms nominal
<b>Polarisation:</b>	Vertical
<b>Radiation:</b>	Omni directional
<b>Power rating:</b>	100 watts
<b>Cable:</b>	SO239 base with 5 metres RG58C/U cable
<b>Termination:</b>	FME socket
<b>Base Materials:</b>	Chromed brass and Stainless steel
<b>Antenna Length:</b>	402mm



#### Radiation Pattern



#### Optional FME Adaptors

- 04911** TNCp adaptor
- 04912** mini-UHFp adaptor
- 04913** Np adaptor
- 04914** UHFp adaptor
- 04915** BNCp adaptor
- 04916** SMAp adaptor
- 04917** SMAs adaptor

#### Packaging

PE clear Plastic bag

#### Warranty

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