

**Part No: 02634VM**

## UHF 420–490MHz Unity Gain Broad Band Heavy Duty GPI Antenna

The 02634UM 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. 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

### Tuning

Factory tuned requires no further tuning

### Features

- ✓ Rugged matching section
- ✓ Pre terminated cable tail
- ✓ Rugged stainless steel radiator
- ✓ Wide bandwidth
- ✓ FME connector to suit adaptors

### Optional Mountings

- 02726S** Gutter Grip All Stainless Steel Construction
- 02728** Mirror Bracket Stainless Steel
- 02728B** Mirror Bracket Zinc Plated
- 027291** Stainless Steel "L" Bracket
- 02730** Right Angle Stainless Steel Bull Bar Bracket
- 02734** Stainless Steel "Z" Bracket
- 02714S** Slope-Adjustable Gutter Grip
- 027313** (45mm), **027314** (50mm),
- 027315** (63mm), **027316** (76mm) WrapAround BB brackets

### Specifications

<b>Frequency:</b>	420–490MHz	<b>Cable:</b>	5m RG58C/U
<b>Gain:</b>	Unity (+2dBi)	<b>Antenna Length (L):</b>	440mm
<b>VSWR:</b>	Less than 2.0:1	<b>Weight (Including Cable):</b>	515g
<b>Impedance:</b>	50 Ohms nominal	<b>Termination:</b>	FME socket**
<b>Polarisation:</b>	Vertical		
<b>Radiation:</b>	Omni directional		
<b>Power rating:</b>	100 watts		

### Packaging

PE clear Plastic bag, one antenna per bag,  
50 pcs per shipping carton (**Carton size:** 840 x 230 x 200 mm) **GW:** 27 Kg

### Warranty

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

