

DATASHEET

SKU: 02515M4

Benelec Ultra Rugged VHF High Band ½ Wave GPI Mobile Antenna M Base

The 02515M4 antenna is a heavy-duty broadband stainless steel flexible mobile antenna, to cover the full 148 – 174 MHz commercial radio band. Specifically designed for mining applications with radiator, mounted on a high impact base. The 02515M4 antenna offers a stable radiation pattern with negligible horizontal pattern tilt. Excellent decoupling from the coaxial feed system offers very good ground independence and a distortion free radiation pattern in all applications. This antenna can be used with several mounting accessories to cover most mounting requirements and will operate on both metal and non-metal surfaces. The M Base termination provides for re-use/transportable applications.

APPLICATIONS

- Radiation coverage for VHF mobile vehicular applications
- Low-cost base station applications
- Harsh environments e.g. Mining

FEATURES

- Rugged matching section
- Removable M Base mounting
- Rugged stainless-steel radiator
- Reliable and durable
- Factory tuned; requires no further tuning

OPTIONAL MOUNTINGS

Any Mobile Mounting bracket that will accommodate a Standard base. Please refer to our website for all available mobile mounting bracket.

(Please note: Mounting brackets are not included)

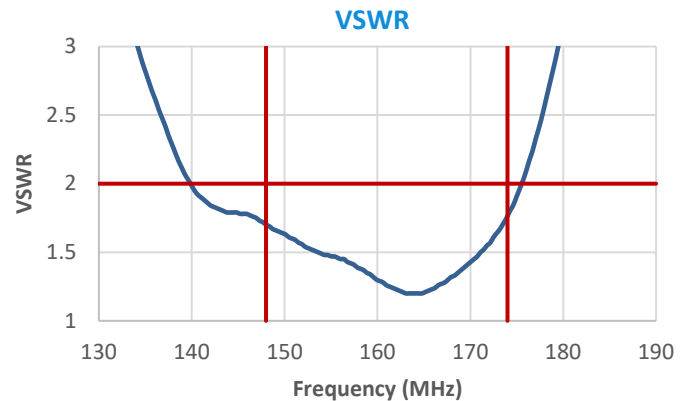
10109S Base & Lead Supplied separately.

SPECIFICATIONS

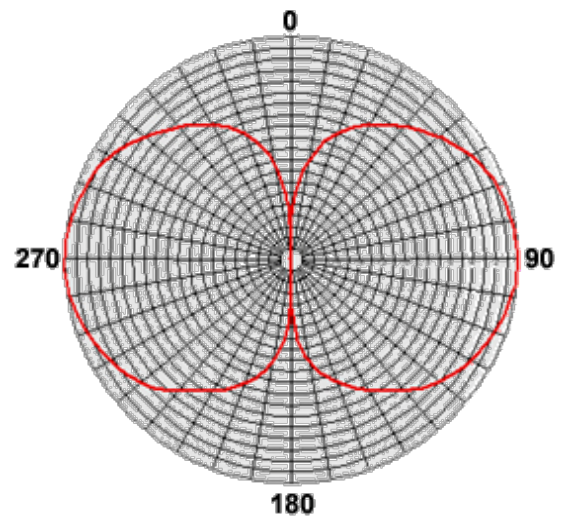
Frequency	148 – 174 MHz
Gain	Unity Gain (nom 2.15 dBi)
Impedance	50 Ω (Nominal)
Operating VSWR	<2.0:1
Radiation Pattern	Omni Directional
RF Power Rating	50w
E Plane Beamwidth	80 Deg
Tuned Bandwidth	38 MHz
Length	890 mm
Weight	460 g
Termination	UHF Male plug to M Base
Construction	Stainless Steel Radiator, Delrin

PACKAGING

Poly Bag – 25 pcs/carton
980 x 200 x 230 mm @ G.W.: 12 kg



RADIATION – PATTERN E PLANE



WARRANTY

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



Website: benelec.au