

Benelec Ultra Rugged VHF High Band ½ Wave GPI Mobile Antenna M Base | 148-174MHz

The 02515M4 is a heavy-duty, broadband stainless steel flexible mobile antenna designed to cover the full 148–174 MHz commercial radio band. Engineered for mining applications, it features a durable radiator mounted on a high-impact base. The antenna delivers a stable radiation pattern with minimal horizontal tilt and excellent decoupling from the coaxial feed system, ensuring strong ground independence and distortion-free performance. It is compatible with a variety of mounting accessories and operates effectively on both metal and non-metal surfaces. The M Base termination allows for re-use and easy transport in mobile applications.

FEATURES

- Rugged matching section
- Removable M Base mounting
- Rugged stainless-steel radiator
- Reliable and durable
- Factory tuned
- Designed and manufactured in Australia

APPLICATION

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

MOUNTING

Any Mobile Mounting bracket that will accommodate a Standard base. Please refer to our website for all mounting options. **10109S Base & Lead Supplied separately.**

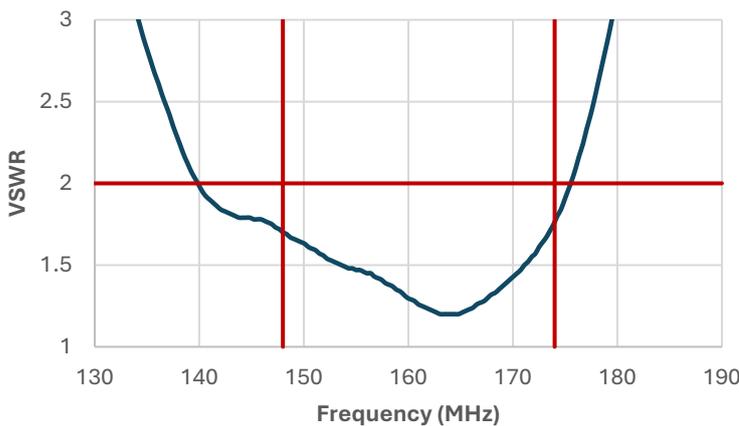
SPECIFICATIONS

Frequency	148 – 174 MHz
Gain	Unity Gain (nom 2.15 dBi)
VSWR	<2.0:1
Impedance	50 Ω Nominal
Radiation	Omni Directional
E Plane Beamwidth	80 Deg

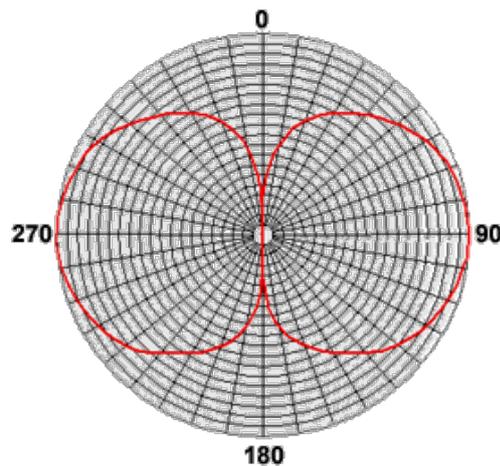
Tuned Bandwidth	38 MHz
Termination	UHF Plug to M Base
Power Rating	50w
Length	890 mm
Net Weight	460 g
Construction	Stainless Steel Radiator, Delrin



VSWR



RADIATION PATTERNS



PACKAGING

Poly Bag, 25 pcs/Cartron
 Carton Dimensions: 980 x 200 x 230 mm
 Gross Weight: 12 kg



WARRANTY

3-Year Warranty
 (Refer to Benelec Terms and Conditions)

