

DATASHEET

UHF 380-520MHz Rugged Ground Independent Vertical Dipole

PART NO: 02634MC



The 02634MC 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, Mining

TUNING

Factory tuned; requires no further tuning

FEATURES

- Rugged matching section
- Removable from mounting base
- Rugged stainless-steel radiator
- Wide bandwidth

OPTIONAL MOUNTINGS

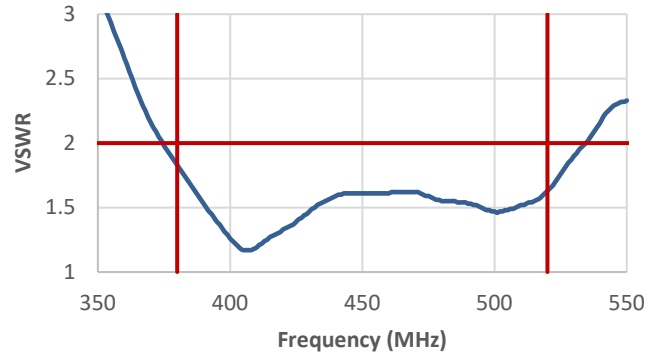
- [02726S](#) Gutter Grip All Stainless-Steel Construction
- [02728](#) Mirror Bracket Stainless Steel
- [02728B](#) Mirror Bracket Zinc Plated
- [027291](#) Stainless Steel "L" Bracket
- [02730](#) Right-Angle Stainless-Steel Bull Bar Bracket
- [027303](#) Adjustable Tilt Lip Mount
- [02732](#) Extra H/Duty Stainless Steel Bull Bar Bracket
- [02734](#) Stainless Steel "Z" Bracket
- [02714S](#) Slope-Adjustable Gutter Grip
- [027313](#) Bull Bar Bracket 45mm Wrap Around
- [027314](#) Bull Bar Bracket 50mm Wrap Around
- [027315](#) Bull Bar Bracket 63mm Wrap Around
- [027316](#) Bull Bar Bracket 76mm Wrap Around

10109S Base & Lead Supplied separately.

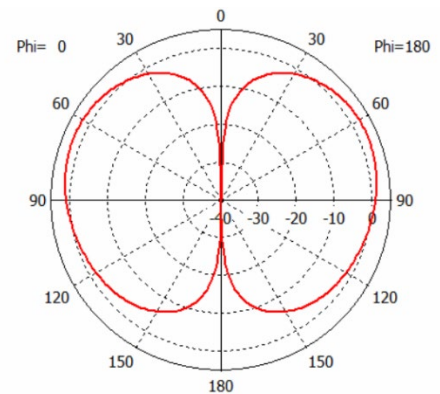
SPECIFICATIONS

Gain	Unity (+2dBi)
VSWR	< 2:1 (380-520MHz)
Impedance	50 Ohms nominal
Polarisation	Vertical
Radiation	Omni directional
E Plane beam width	80°
Power rating	100 watts
Antenna Weight	260 g
Antenna Length	320 mm
Termination	UHF Male plug to M base
Base Materials	Chromed brass and Stainless steel

TYPICAL VSWR



Radiation Pattern



OPTIONAL ADAPTORS

- [0400403](#) SMA-S-BNCp Adaptor
- [0400409](#) SMA-S-UHFp Adaptor
- [04274](#) SMA-S-Np Adaptor
- [04193](#) SMA-S-TNCp Adaptor

PACKAGING

PE clear Plastic bag, one antenna per bag

WARRANTY

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