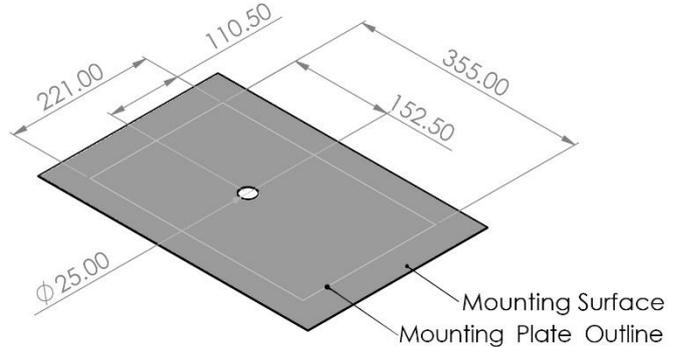
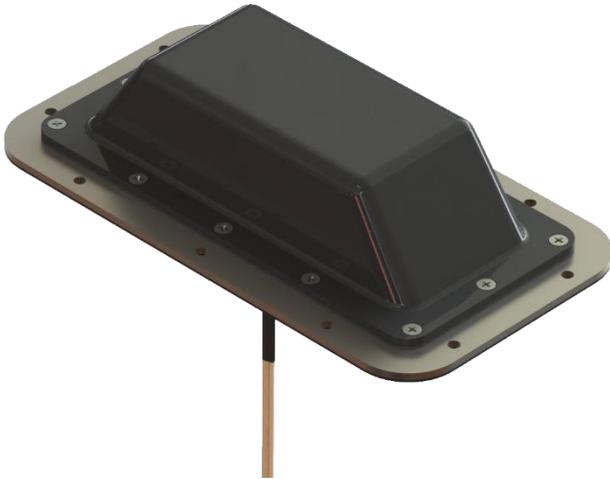


## DATASHEET

PART NO: **02628R**

## RAIL LOW PROFILE UHF BROADBAND ANTENNA



The 02628R antenna is a ground dependent, low profile, UHF, unity gain broadband antenna for use in the band 400-470MHz. The radiator is made of heavy-duty stainless steel plate offering a rugged and heavy-duty package. The antenna construction offers exceptional DC conductance to earth. The antenna comes complete with a Radom, fixed cable tail/matching section. This antenna can be used on a minimum 1 sqm ground plane.

### APPLICATIONS

All vehicular/rail Low profile applications.

### TUNING

Factory tuned, requires no further tuning.

### FEATURES

- Heavy Duty Stainless Steel construction
- DC grounded
- Omni directional
- Full Band <2.0:1 (on min 1 sqm ground plane).
- Low profile (70mm height)
- N type socket connector
- Heavy duty Radom
- GPS module (optional)
- Ground Dependent Antenna (1 sqm Ground required)
- Waterproof gasket 1.6mm thick

### MOUNTINGS

**96UG001** Mounting Plate for 02628R Rail Antenna  
 Supplied with antenna (optional)  
 Plate must be secured (welded) to a flat ground plane with a min 1 sqm. Requires minimum 5mtr 50Ω feeder cable.

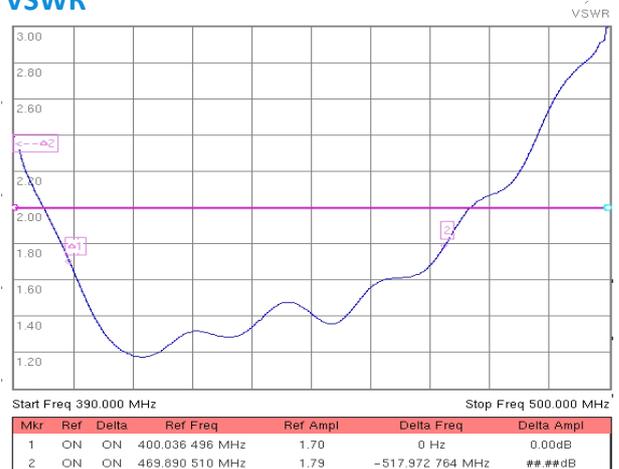
### WARRANTY

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

### SPECIFICATIONS – UHF

Gain	Utility
VSWR	<2.0:1 400-470MHz
Impedance	50 Ω nominal
Polarisation	Vertical
Radiation	Omni directional
Termination	N type socket connector
Base Materials	Stainless Steel
Temp. Rating	> 150 °C
Antenna Dimensions	L296mm x W161mm x H68mm
Weight	2.3Kg

### VSWR



### RADIATION PATTERNS

