

EPLRS 420-450 MHz Ultra Low Profile Antenna



This unobtrusive antenna, standing less than 40mm tall, provides EPLRS communications capabilities to vehicles without the presence of an obvious whip antenna. It also permits unobstructed turret aiming without risk of damage to the antenna. Furnished with a high-impact ABS radome, it can be painted to match the vehicle color. For special applications a version without the radome is also available.

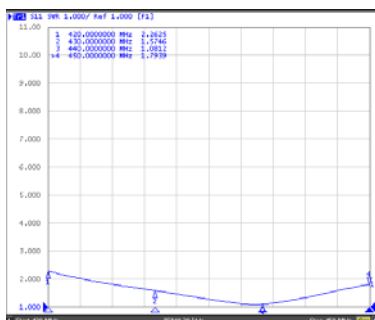
The standard antenna has an integral ground plane, for use on any surface. The ground plane can be omitted for use on large metallic vehicles. It can also be used for indoors or for other specialized applications requiring a compact low profile antenna. The broad vertical radiation pattern ensures optimal communications in urban areas .



Permanent mounting ensures a secure attachment to the vehicle at any speed. A rubber gasket is provided for weather sealing.

Preliminary Specifications

- **Frequency Range: 420—450 MHz**
- **Gain: 1 dBi**
- **VSWR: Under 2.5**
- **Polarization: Vertical**
- **Maximum Power: 250 Watts**
- **Mounting: Permanent**
- **Connector: Type N Female**
- **Color: White, paintable to match vehicle**
- **Dimensions and Weight:**
 - **Standard version with ground plane:**
 - **Height: 1.6 inches**
 - **Diameter: 7.5 inches top, 14 inches ground plane**
 - **Weight: 1kg**



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