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**PE51003**  
**Wideband**  
**Mobile Antenna,**  
**132 – 512 MHz, 0 dB**

## Product Features

- ¼ Wave Antenna
- 24 MHz VHF bandwidth
- 100 MHz UHF bandwidth
- Heavy duty design
- NMO Mount base

## Description

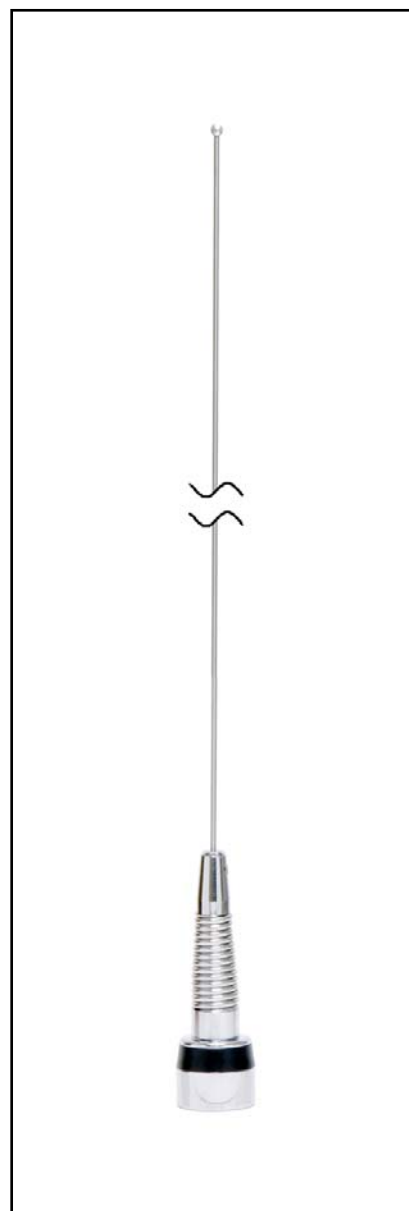
The PE51003 antenna is a field tunable design that offers excellent bandwidth within the VHF and UHF bands. Its heavy duty construction makes this antenna ideal for rugged environments, such as off-road applications. The antenna mates with the popular NMO mount design. See the Pasternack catalog or website for the widest selection of NMO cable configurations.

## Electrical Specifications <sup>(1)</sup>

| Parameter             | Units | Value     |
|-----------------------|-------|-----------|
| Impedance             | Ohms  | 50        |
| Frequency             | MHz   | 132 - 512 |
| VSWR across bandwidth |       | < 2.0:1   |
| Gain, ground plane    | dB    | 0         |
| Gain, no ground plane | dB    | N/A       |
| Power Rating          | Watts | 200       |

## Mechanical Specifications <sup>(1)</sup>

| Parameter         | Value                                                          |
|-------------------|----------------------------------------------------------------|
| Antenna Height    | Approximately 22"                                              |
| Whip Diameter     | 0.10"                                                          |
| Weight            | 0.6 lbs.                                                       |
| Whip Material     | Stainless Steel                                                |
| Base Coil Housing | Molded polymer jacket & nickel and chrome plated brass bushing |
| Mating Mount      | NMO                                                            |



## Ordering Information

| Part Number | Description                                    |
|-------------|------------------------------------------------|
| PE51003     | Wideband Mobile Antenna, Field Tunable, ¼ wave |
|             |                                                |

(1) Pasternack reserves the right to change specifications or information without notice.