

### Product Features

- ½ Wave Antenna
- No tuning required
- No ground plane required.
- Low VSWR across band
- NMO Mount base

### Description

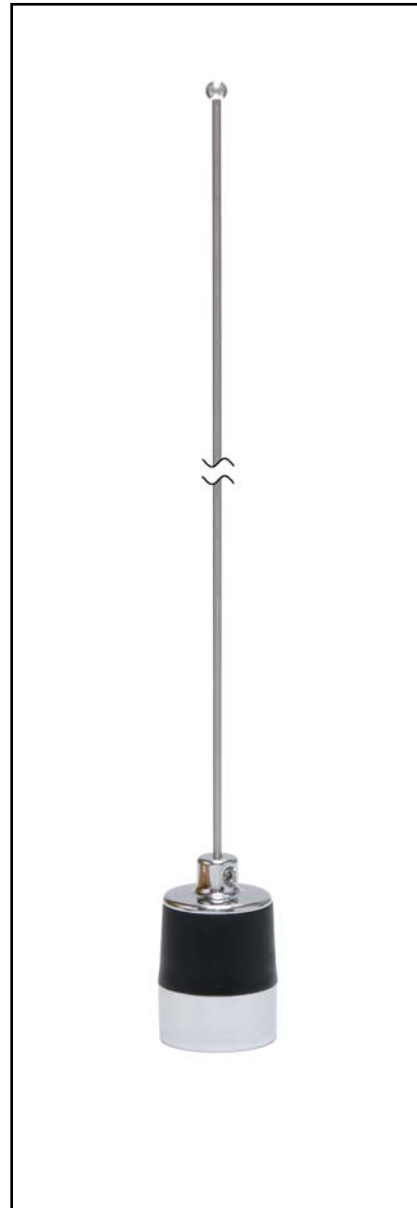
The PE51002 antenna offers excellent bandwidth, providing over 20 MHz of VHF bandwidth with no required tuning or ground plane. The antenna mates with the popular NMO mount design. See the Pasternack catalog or website for the widest selection of NMO cable configurations.

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

Parameter	Units	Value
Impedance	Ohms	50
Frequency	MHz	132 - 174
VSWR across bandwidth		< 2.0:1
Gain, ground plane	dB	2.4
Gain, no ground plane	dB	0
Power Rating	Watts	150

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

Parameter	Value
Antenna Height	Approximately 48"
Whip Diameter	0.10"
Weight	0.8 lbs.
Whip Material	Stainless Steel
Loading Coil	Tinned copper wire wound on low-loss form
Base Coil Housing	Molded polymer jacket & chrome plated bushing
Mating Mount	NMO



### Ordering Information

Part Number	Description
PE51002	Wideband Mobile Antenna, 20 MHz BW @ 2:1 VSWR, No GP required.

(1) Pasternack reserves the right to change specifications or information without notice.  
[www.pasternack.com](http://www.pasternack.com)