

Product Features

- 1/4 Wave Antenna
- Field tunable within band.
- Suitable for State Patrol
- Ground plane or metal vehicle required.
- NMO Mount base

Description

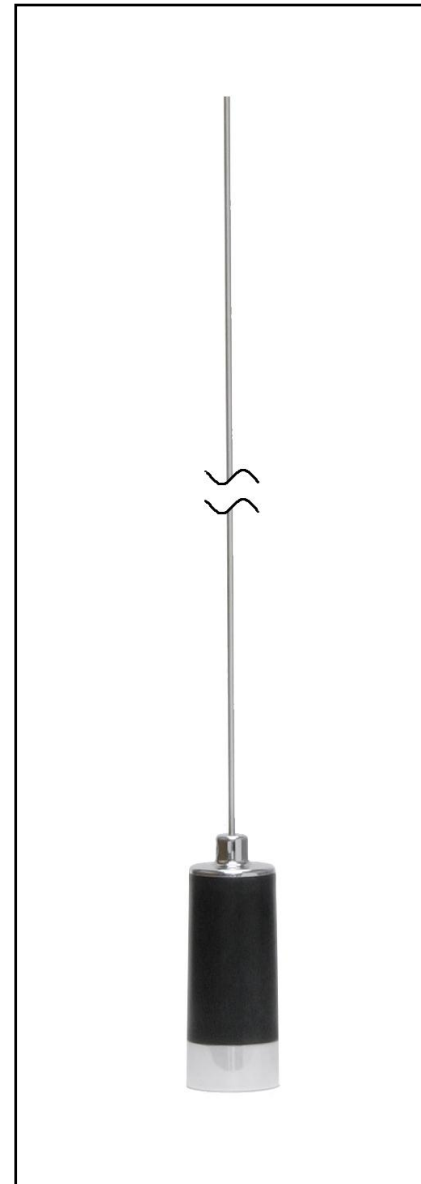
The PE51000 antenna is a heavy duty design that is perfect for State Patrol and other agencies. The low loss coil will withstand the heaviest shocks and its tapered coil housing construction provides excellent weather proof performance. The antenna mates with the popular NMO mount design. See the Pasternack catalog or website for the widest selection of NMO cable configurations.

Electrical Specifications ⁽¹⁾

Parameter	Units	Value
Impedance	Ohms	50
Frequency	MHz	40 - 47
VSWR across bandwidth		< 1.5:1
Gain, ground plane	dB	0
Gain, no ground plane	dB	N/A
Power Rating	Watts	200

Mechanical Specifications ⁽¹⁾

Parameter	Value
Antenna Height	Approximately 53"
Whip Diameter	0.062" - 0.1", Tapered
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
PE51000	Mobile Antenna, Heavy Duty Base, loaded ¼ wave

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