

DPV-82

- VEHICULAR MOUNT
- VERTICALLY POLARIZED
- INTEGRAL SPRING BASE

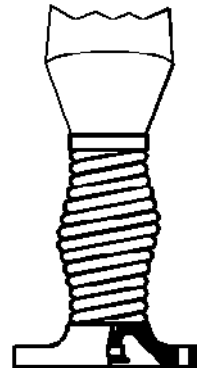


Applications

The DPV-82 is a vertically polarized omnidirectional dipole antenna specifically designed for vehicular use. The antenna has an instantaneous bandwidth between 116-174 MHz. The antenna is used for point-to-point or ground-to-air communications.

Features

The DPV-82 is a single half-wave dipole antenna oriented for vertical polarization, with an instantaneous bandwidth of 116-175 MHz. It features an integral spring base to dampen road shock and vibration. The antenna is housed within a filament wound fiberglass radome and mounts by means of a flange base with clearance hole for four bolts on a 4-¹/₂" diameter bolt circle.



DPV-82 base detail



SPECIFICATIONS

Frequency Range	116-174 MHz
Gain	0 dBi minimum
Power	100 W average
Impedance	50 Ohms unbalanced
Patterns	
Azimuth	Omni $\pm 1^\circ$
Elevation	65° minimum
Weight	8 lbs
Wind	120 mph
Radome Diameter	4 inches
Finish	CARC
Mounting	4.5" diameter bolt circle