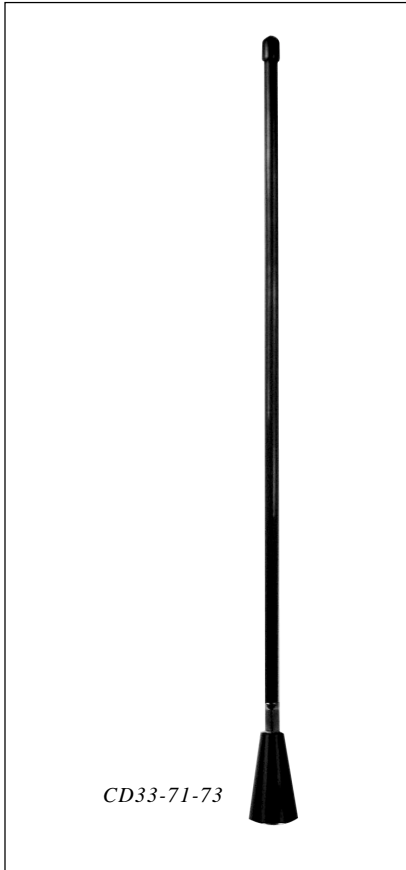


# 4.0 dB Gain 477 MHz Ground Independent Antennas

## 476-477 MHz

### CD33 Series



The CD33 Series Mopole antenna is specifically designed to be used in a variety of mounting positions such as vehicle mirror, gutter or roof bar mounts according to individual needs.

Mounting in such positions, the CD33 is the ideal substitute for an antenna which would normally need to be mounted in the centre of a metal roof to obtain maximum efficiency.

The CD33 Series antenna is an end-fed dipole (1/2 wave). A tuned circuit has been incorporated in the base and the radiating element enclosed in a flexible nylon radome. The end result is an attractive, yet tremendously rugged package suited for almost any application.

The unit is supplied pre-terminated with a fixed length of RG58C/U cable and offered in a variety of configurations to fit individual installation requirements.

- Workhorse - A terrific antenna for agricultural and work vehicle applications where durability is critical
- Versatile - Ground plane independent design allows installation in almost any location
- High Performance - Exhibits 4.0 dB gain over 1/4 wave whip mounted in the centre of a metal roof
- Rugged- Radiating element is enclosed in flexible UV resistant nylon tubing
- Convenient - Available in a number of kits with full instructions for fitting by inexperienced installers

### Electrical

Model No.	Gain (dB)	Frequency (MHz)	Power (Watts)	Tuned Bandwidth	Tuning
CD33-71-73 Series	4.0	476-477	20	Less than 1.5:1 VSWR over specified band	Supplied pre-tuned

### Mechanical

Model No.	Whip Material	Overall Length (mm)	Mounting	Cable and Connector
CD33-71-73 Series	UV resistant flexible nylon tubing	330	Base mounts in either 16mm or 8.5mm hole	5.0m RG58C/U cable fitted. A variety of pre-packed kits including connectors and fittings are also available.

Typical VSWR Response

