

F-33499

The F-33499 is a Covert Vehicle Antenna disguised in Shark Fin housing. This antenna provides 0 dBd of gain and less than 1.7:1 VSWR over 10 MHz bandwidth in the range of frequency of 406 to 470MHz. It has a radiation pattern nearly omnidirectional in azimuth.

The shark fin style disguised antennas allow a public security organization to use a vehicle's existing AM/FM antennas for both conventional radio receiver functions as well as allowing a two-way radio to communicate over the same antenna. This allows a covert vehicle to avoid the need for a long mobile antenna. A broadcast coupler is optionally available, to allow the two- way radio transmit and receive frequencies to be shared with the vehicle's AM/FM radio. The coupler prevents the transmit radio from damaging the AM/FM radio. When multi-band operation is required, Comprod provides the required Cross-band couplers, in order to support multiple frequency band operation on a single antenna.

Electrical Specifications

Frequency Range, MHz	406-470
Bandwidth/VSWR	10MHz, 1.7:1
Gain, dBd	0
Impedance, Ohms	50
Polarization	Vertical
Power Rating, Watts	50
Connector	Mini-UHF
Feed line	RG58/U (15ft)



- F-33499 *1 (406-416 MHz)
- F-33499 *2 (410-420 MHz)
- F-33499 *3 (420-430 MHz)
- F-33499 *4 (430-440 MHz)
- F-33499 *5 (440-450 MHz)
- F-33499 *6 (450-460 MHz)
- F-33499 *7 (460-470 MHz)
- Our standard offering is Black.
- Other colors are available under request