

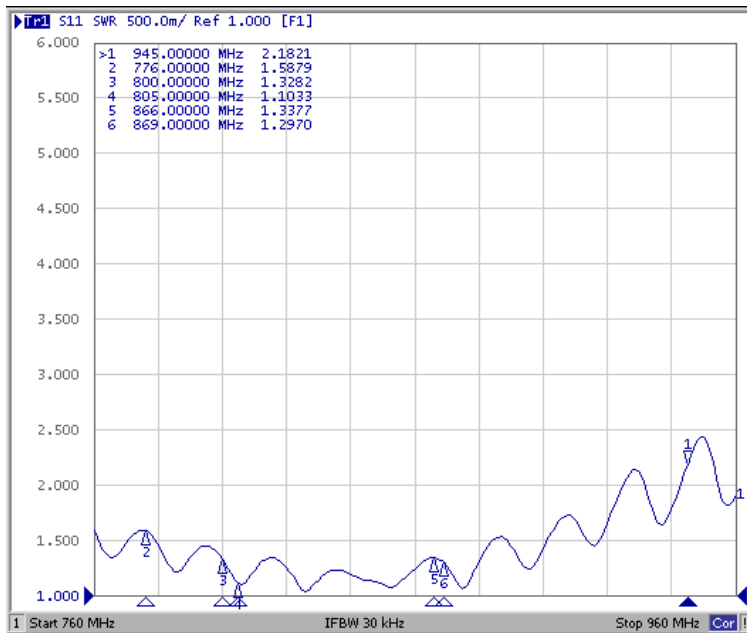
F-33496

The F-33496 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 its operating bandwidth. 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	760-870
Gain, dBd	0
Impedance, Ohms	50
Polarization	Vertical
Power Rating, Watts	50
Bandwidth/VSWR	110MHz, 1.7:1
Connector	Mini-UHF
Feed line	RG58/U (15ft)



- The F-33496 is optimized for the band 760 to 870MHz with 1.6:1 VSWR, however this antenna can be used up to 945 MHz with 2.2:1 VSWR.
- F-33496 for black color.
- F-33496W for white color.
- Other colors are available under request