

DUAL BAND ANTENNAS

For multi-band communications needs, Comprod supplies either the Original Equipment Manufacturers (OEM) antennas, or universal mounted antennas. 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.

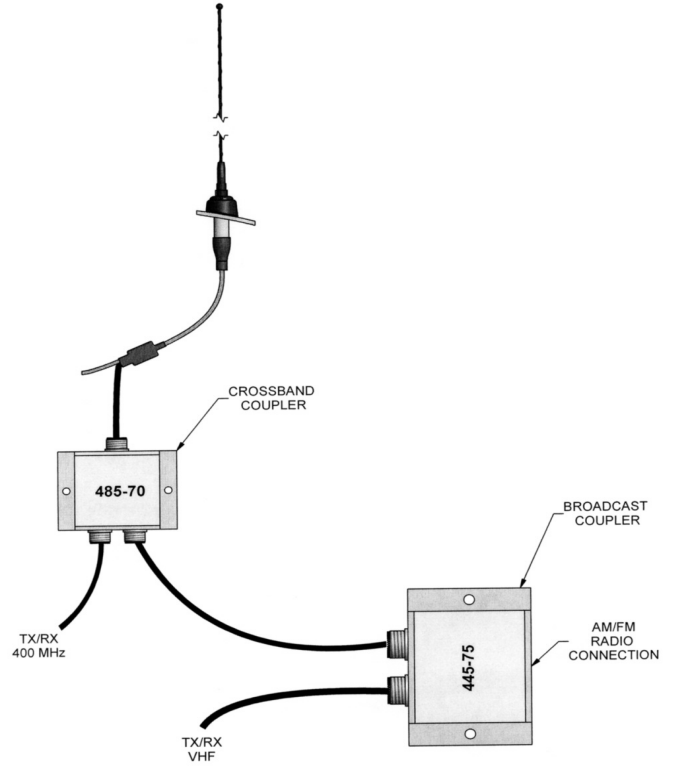
For the multi-band operation, Comprod provides the required Cross-band couplers, in order to support multiple frequency band operation on a single antenna.

We are capable of meeting customers' special requirements:

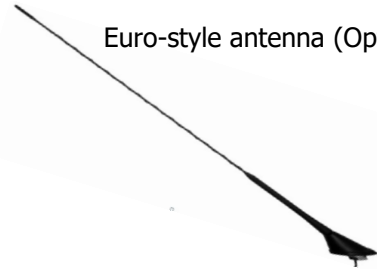
- Two or three separate frequency segments in a given mobile band
- Cross-channel operation in two mobile bands with one antenna

Technical Specifications

Frequency Range, MHz	30-50 and 150-174 150-174 and 406-512 150-174 and 764-960
Nominal Gain	Unity
Bandwidth, MHz	30-50: 0.6, 150-174: 2 406-512: 10, 764-960: 63
VSWR	< 1.5:1
Pattern	Omnidirectional
Power Rating, Watts	30-512: 150W, 764-960: 75W
Appearance	OEM Antenna / Universal
Mounting	Front / Rear Fender
Finish	Black / Chrome
Height, in	29 to 35
Connector (customer specified)	UHF / Mini-UHF / BNC / TNC
Cable	VHF - 17' RG-58/U UHF - 17' RG-8X 764-960 - 5' LMR-240



Euro-style antenna (Option)



When ordering, specify Year, Make and Model of vehicle and both operating frequencies.

Typical VSWR vs Frequency curves

