

# CVW502

## PRODUCT OVERVIEW | Covert Multi-band MIMO Antenna (5-in-1)

5-cables: two for Global Cellular/LTE, two for WiFi, and one for GPS  
Covers all Cellular & LTE frequencies worldwide, from 694 MHz to 2750 MHz  
WiFi elements can be used for WiFi MIMO or for separate WiFi modems

Mobile Mark's Covert CVW502 Series Multiband MIMO antenna contains five separate antennas, all in one compact antenna housing: two broadband LTE/Cellular antennas, two dual-band WiFi antennas, and one GPS antenna.

With 5-elements, the new CVW502 antenna is ideal for fleet management systems that combine GPS with both any Global LTE MIMO modem as well as WiFi MIMO modem.

The CVW502 is very compact, measuring only 2" x 7" x .75" (5.1cmx17.8cmx1.9cm). The antenna is encased in a solid radome made from ASA Plastic. It is ground plane independent and can be mounted on or inside of a fiberglass box.

This antenna is ideal for private vehicles where discretion is required. It has high speed data transfer capabilities with MIMO on both Cellular/LTE and WiFi.

The CVW502 can be configured for dual GPS/Glonass by adding "G" to the series, e.g. CVW502G.



### Model Variations

CVWG502  
(With GPS & Glonass)

CVW502  
(With GPS)

Specifications			
Frequency & Gain (peak)*:		Radome Material:	ASA UV-Stable Plastic
Cable 1 & 2 (Global LTE)	694-960 MHz, 3 dBi & 1710-2750 MHz, 4 dBi	Operating Temperature:	-40° to +80° C
Cable 3 & 4 (WiFi)	2.4-2.5 & 4.9-6.0 GHz, 5 dBi	Connectors:	SMA Plugs standard
Cable 5 (GPS)	1575.42 +/- 2 MHz, 26 dB, 5 dBi	Cable:	
Optional GPS & Glonass	1575 MHz & 1612 MHz	Cable 1-5	Separate RG-174,10 ft (3m)
VSWR*:	2:1 VSWR over Range	Mounting:	Tape mounting
Impedance:	50 Ohm Nominal	Shock and Vibration:	IEEE1478, EN61373
Maximum Power:	10 Watts	Water Ingress:	IP67
Case size:	7" long x 2" wide x 3/4" tall (17.8cm x 5.1cm x 1.9cm)		
*Measured on 1' ground with 1' cable			



By Phone: (919) 942-4214  
By Email: info@usatcorp.com