US Office: Tel: 800.648.2800 or +1.847.671.6690
UK Office: Tel: (+44) 1543 459 555
www.mobilemark.com

MobileMark
antenna solutions

CVW302 3-cable: Covert Mulitband MIMO Antenna



- 3-cables: two for Global Cellular/LTE, and one for GPS
- Covers all Cellular & LTE frequencies worldwide, from 694 MHz to 2750 MHz
- Compact radome, Ideal for private vehicles

Mobile Mark's Covert CVW302 Series Multiband MIMO antenna contains three separate antennas, all in one compact antenna housing: two broadband LTE/Cellular antennas, and one GPS antenna.

With 3-elements, the new CVW302 antenna is ideal for fleet management systems that combine GPS with both any Global LTE MIMO modem.

The CVW302 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 Groundplane independent and can be mounted on or inside of a fiberglass box.

This antenna is ideal for private vehicles where discrection is required. It has high speed data transfer capabilites with MIMO on both Cellular/LTE.

The CVW302 can be configured for dual GPS/Glonass by adding "G" to the series, e.g. CVW302G.

Model Configurator

CVW302-□□□□□□-□□□-□

- Cable/Connector 1
- Cable/Connector 2
- Cable/Connector 3
- Color
- Cable Length in Inches (eg. 12 or 180)

Example: CVW302-2C2C2C-BLK-180

Specify "CVWG" instead of "CVW" for GPS/Glonass combination antenna.

Cable Options:		Connector Options:		Color Options:	
Code	Cable	Code	Connector	Code	Color
2	RG-174	A	TNC	BLK	BLACK

(Other Configurations available.)

Specifications

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

*Measured on 1' ground with 1' cable

Specifications subject to change without notice (10/2018)