



## MXF302 Multi-band 3-cable LTE & GPS

- 3-cables: two for Cellular & one for GPS
- Multiband Diversity/MIMO antenna
- Available with GPS or with combination GPS/Glonass

Mobile Mark's MXF302 Series Multiband Diversity/MIMO antenna contains three separate antenna elements, all in one compact antenna housing: two broadband LTE/Cellular antennas and one GPS antenna. The MXF302 covers Cellular LTE frequencies from 694-3700 MHz.

With three elements, the new MXF302 antenna is ideal for fleet management systems that combine GPS with an LTE 2xMIMO modem.

The MaxFin Antenna has been well received because it is compact, attractive and high performance. The antenna housing contains a stylish combination of matte & polished finish, providing a sleek, high-tech look on the vehicle.

Measuring 7.5" (19cm) long x 2.25 (5.7cm) wide x 2.5" (6.4cm) tall the MXF302 series antennas take up significantly less space than multiple antennas. This antenna is also available in a mag-mount version; the magmount style is popular for system testing when the antenna needs to be moved quickly and easily from car to car. The model number for the mag-mount version starts with MMXF.

**Model Configurator**

MXF302 -

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

Example: MXF302-3C3C2C-BLK-180  
 MMXF302-3C3C2C-BLK-180(Mag mount)

Specify "MXFG" instead of "MXF" for GPS/Glonass  
 combination antennas

Cable Options:		Connector Options:		Color Options:	
Code	Cable	Code	Connector	Code	Color
2	RG-174	C	SMA	BLK	Black
3	LL-195	J	RP SMA		

(Other Configurations available.)

Specifications			
Frequency & Gain (peak): Cable 1 & 2 (Global LTE)	694-960 MHz, 3 dBi 1710-3700 MHz, 4 dBi 1575 MHz, 26 dB, 5 dBi GPS & Glonass option 1575 MHz & 1602 MHz	MMXF Dimensions	7.5"L x 2.25"W x 2.95"H (19cm x 5.7cm x 7.5cm)
Cable 3 (GPS) GPS & Glonass option	1575 MHz & 1602 MHz	Radome Material: Operating Temperature:	ASA UV-Stable Plastic -40° to +80° C
VSWR: LTE	2:5:1 VSWR over Range	Connectors, standard: Cable:	SMA Plugs (male) standard
Impedance: Maximum Power: GPS	50 Ohm Nominal 10 Watts	Cable 1-3 Cable 4 (GPS and GPS/Glonass)	LL-195, 15 ft (4.5m) RG-174, 15 ft (4.5 meters)
Amplifier Bias: Noise Figure: Current: MXF Dimensions:	3.3/5 VDC 2.0 dB max, 1.7 dB typical 20 mA max, 10 mA typical 7.5" x 2.25" x 2.5 (19cm x 5.7cm x 6.4cm)	Mounting:  MMXF Mount:	Stud mount (5/8-24 Thread) Mounts to surfaces .20" (5mm) thick Mag Mount