



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

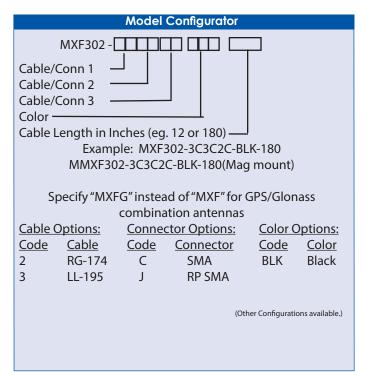
- 3-cables: two for Cellular & one for GPS
- Multiband Diversity/MIMO antenna
- Available with GPS or with combination GPS/Glonass

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 magmount version starts with MMXF.



## **Specifications**

Frequency & Gain (peak):

Cable 1 & 2 (Global LTE)

Cable 3 (GPS)

**GPS & Glonass option** 

VSWR:

LTE

Impedance:

Maximum Power:

**GPS** 

**Amplifier Bias:** Noise Figure:

Current: MXF Dimensions: 694-960 MHz, 3 dBi 1710-3700 MHz, 4 dBi 1575 MHz, 26 dB, 5 dBi 1575 MHz & 1602 MHz

2:5:1 VSWR over Range

50 Ohm Nominal

10 Watts

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)

**MMXF** Dimensions

Radome Material: Operating Temperature:

Connectors, standard: Cable:

Cable 1-3 Cable 4 (GPS and GPS/Glonass) Mounting:

**MMXF Mount:** 

7.5"L x 2.25"W x 2.95"H (19cm x 5.7cm x 7.5cm) **ASA UV-Stable Plastic** 

-40° to +80° C

SMA Plugs (male) standard

LL-195, 15 ft (4.5m) RG-174, 15 ft (4.5 meters)

Stud mount (5/8-24 Thread) Mounts to surfaces .20" (5mm) thick Mag Mount