

## **USAT | Product Datasheet**





Mobile Mark's MXF702 Series Multiband Diversity/MIMO antenna contains seven separate antenna elements, all in one compact antenna housing: two broadband LTE/Cellular antennas, four dual-band WiFi antennas, and one GPS antenna. The MXF702 covers Cellular LTE frequencies from 694-3700 MHz.

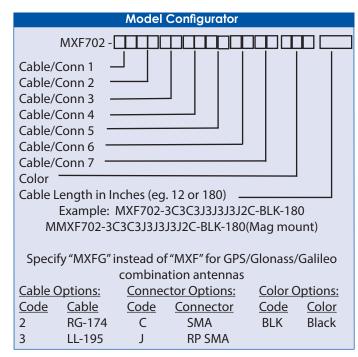
With seven elements, the new MXF702 antenna is ideal for fleet management systems that combine GPS with both an LTE 2xMIMO modem as well as a WiFi 4xMIMO Modem.

The New 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 MXF702 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.

## MXF702 Multi-band 7-cable LTE, WIFI & GPS

- 7-cables: two for Cellular & LTE, four for WiFi, and one for GPS
- WiFi elements can be used for WiFi MIMO or for separate WiFi modems
- Available with GPS or with combination GPS/Glonass/Galileo



## **Specifications**

Frequency & Gain (peak): Cable 1 & 2 (Global LTE)

Cable 3, 4, 5 & 6 (WiFi)
Cable 7 (GPS)

GPS/Glonass/Galileo)

VSWR:

LTE WiFi Impedance:

Maximum Power:

**GPS** 

Amplifier Bias: Noise Figure:

Current: MXF Dimensions: 694-960 MHz, 0-3 dBi 1710-3700 MHz, 4 dBi 2.4-2.5 & 5-6 GHz, 4 & 5 dBi 1575 MHz, 26 dB, 5 dBi 1575 MHz & 1602 MHz

2:5:1 VSWR over Range 2:1 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 1-6
Cable 7 (GPS and
GPS/Glonass/Galileo)

GPS/Glonass/Galile Stud 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

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

7/8" Dia. (22.22mm) Feed through 3/4" Iq. (19mm) thread for up to

3/4" Ig. (19mm) thread for up to 1/2" (12.7mm) thick surface

Mag Mount

Specifications subject to change without notice (9/2018)



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