

MXF402 Multi-band 4-cable LTE, WIFI & GPS



- 4-cables: two for Cellular & LTE, one 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

Mobile Mark's MXF402 Series Multiband Diversity/MIMO antenna contains four separate antenna elements, all in one compact antenna housing: two broadband LTE/Cellular antennas, one dual-band WiFi antenna, and one GPS antenna. The MXF402 covers Cellular LTE frequencies from 694-3700 MHz.

With four elements, the new MXF402 antenna is ideal for fleet management systems that combine GPS with both an LTE 2xMIMO modem as well as a WiFi 1xMIMO 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 MXF402 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

MXF402 -

Cable/Conn 1

Cable/Conn 2

Cable/Conn 3

Cable/Conn 4

Color

Cable Length in Inches (eg. 12 or 180)

Example: MXF402-3C3C3J2C-BLK-180
 MMXF402-3C3C3J2C-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) Cable 3 (WiFi) Cable 4 (GPS) GPS & Glonass option VSWR: LTE WiFi Impedance: Maximum Power: GPS Amplifier Bias: Noise Figure: Current: MXF Dimensions: | 694-960 MHz, 3 dBi 1710-3700 MHz, 4 dBi 2.4-2.5 & 4.9-6 GHz, 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 1-3 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 |