



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

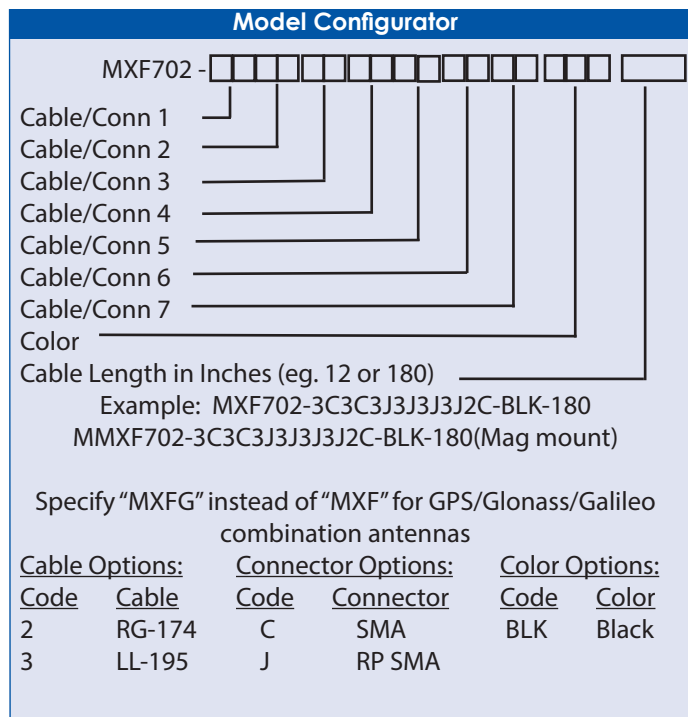
- 7-cables: two for Cellular & LTE, four for WiFi, and one for GPS
- WiFi elements can be used for WiFi MIMO or for separate WiFi modems
- Available with GPS or with combination GPS/Glonass/Galileo

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 mag-mount version starts with MMXF.



Specifications			
Frequency & Gain (peak):		MMXF Dimensions	7.5"L x 2.25"W x 2.95"H
Cable 1 & 2 (Global LTE)	694-960 MHz, 0-3 dBi		(19cm x 5.7cm x 7.5cm)
	1710-3700 MHz, 4 dBi	Radome Material:	ASA UV-Stable Plastic
Cable 3, 4, 5 & 6 (WiFi)	2.4-2.5 & 5-6 GHz, 4 & 5 dBi	Operating Temperature:	-40° to +80° C
Cable 7 (GPS)	1575 MHz, 26 dB, 5 dBi		
GPS/Glonass/Galileo)	1575 MHz & 1602 MHz	Connectors, standard:	SMA Plugs (male) standard
VSWR:		Cable:	
LTE	2:5:1 VSWR over Range	Cable 1-6	LL-195, 15 ft (4.5m)
WiFi	2:1 VSWR over Range	Cable 7	RG-174, 15 ft (4.5 meters)
Impedance:	50 Ohm Nominal	(GPS/Glonass/Galileo)	
Maximum Power:	10 Watts	Stud Mounting:	7/8" Dia. (22.22mm) Feed through
GPS			3/4" Ig. (19mm) thread for up to
Amplifier Bias:	3.3/5 VDC		1/2" (12.7mm) thick surface
Noise Figure:	2.0 dB max, 1.7 dB typical		Mag Mount
Current:	20 mA max, 10 mA typical	Dust & Water Ingress	When Properly Mounted
MXF Dimensions:	7.5" x 2.25" x 2.5		IP69K (Stud Mount)
	(19cm x 5.7cm x 6.4cm)		IP67 (Mag-Mount)