

Multi-band Cellular/GSM/PCS/UMTS Antenna



Model: MB-S

Features and Benefits

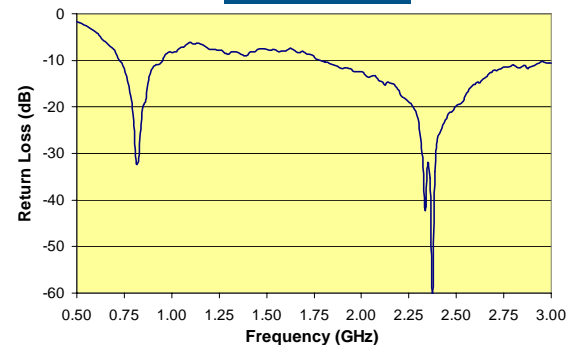
- All communications bands over 800 – 3000 MHz
 - Cellular 806–869/824–940
 - GSM 824–894/880–960/1710–1900
 - PCS 1850–1990
 - UMTS 1900–2170
- Miniature: <6" tall, < 8 oz. weight
- Omni-directional in azimuth
- Gain optimized for 15° downtilt

The *octane* multi-band communications tactical antenna is the ideal antenna solution for small man-portable and fixed applications requiring communications antenna coverage. This omni-directional antenna is completely passive, and requires no tuning or adjustments. The low-volume antenna provides an operational bandwidth of 800 to 3000 MHz, and exhibits a VSWR of less than 2:1 for most systems. This antenna is designed to maximize gain at 15° downtilt from the horizon, providing coverage precisely where needed for man-portable applications. The *octane* multi-band antenna is easy to install with a standard N-connector and 4-hole mount.

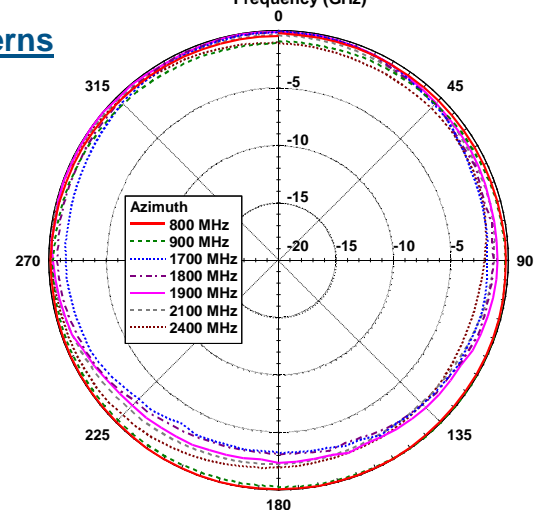
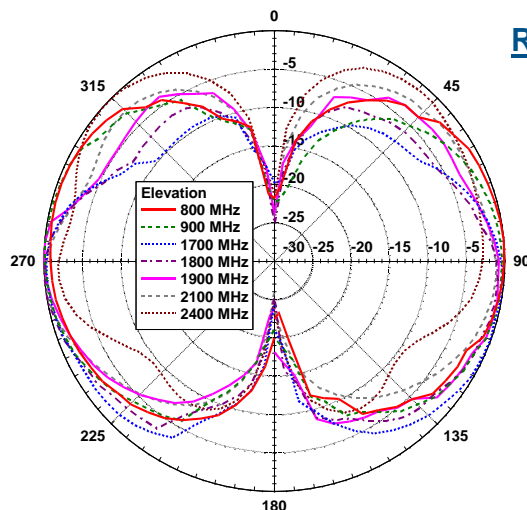
Characteristics

Frequency	800 – 3000 MHz
Gain	> 2 dBi
Max Power	> 30 Watts
Pattern	Omni in azimuth
Polarization	Linear
VSWR	< 2:1 cellular, GSM 850/1900, UMTS
Mounting	Four 0.13" holes every 90° on a 1.61" circle
Color	Tan
Size	Body 5.7" × 1.3" diam.
Weight	< 8 oz.
Connector	N-connector

Return Loss



Radiation Patterns



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