



**WIFI-PLUS, Inc.**  
**ADVANCED MP ANTENNA SOLUTIONS**

[www.wifi-plus.com](http://www.wifi-plus.com)

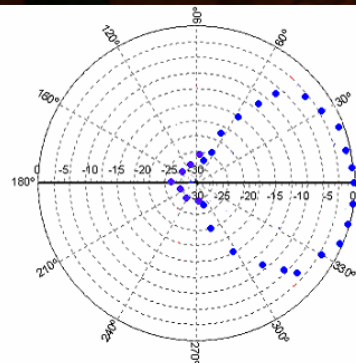
**330-273-3665**

**D.O.D. Single Sector-Beam/Omni (Metamorphic) Antenna**  
**WFP0200505**

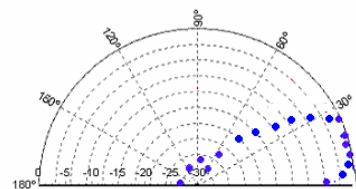
This unique MP-Tech. Military antenna easily transforms between a high performing obstructed environment omni-directional antenna and a high gain focused beam pattern antenna.

All Wifi-Plus MP-Technology antennas provide Multi-Polarized/Multi-Plane/Multi-Path Technology, 3-D Radio Waves Science and in built spatial diversity with **obstruction penetrating/throughput-stabilizing** qualities. This antenna comes with a 15 foot LMR-195 RP-BNC cable. Removable reflector using two ¼ turn panel locks for ease of operation.

<b>Manufacturer</b>	WIFI-PLUS
<b>Model</b>	MP-Tech. <b>D.O.D. Metamorphic Antenna</b>
<b>Type</b>	Special Small Omni/High Gain Beam-Sectorized Interchangeable Antenna Module
<b>Product Narrative</b>	Low Profile - Inconspicuous Multi-Polarized Multi-Path Enhanced Throughput Noise-Reducing 'Obstruction-Penetrating' 'Geometric Spatial Capture of Signal' Flutter and Rayleigh Fade Reduction with Moving Vehicles
<b>General Freq. (MHz)</b>	2400-2500 (802.11b & g)
<b>Gain</b>	12dBi – 60 degrees azimuth [Sector Beam has above-stated LOS laboratory gain ...Plus 5-10(+) dB Additional Polarization Diversity <b>Effective Obstruction-Penetrating Gain</b> ] (16.5dBmp)
<b>Max. Input Power</b>	100 Watts
<b>Polarization</b>	MULTI-POLARIZED
<b>Azimuth Beamwidth</b>	60 degrees
<b>Elevation Beamwidth</b>	30 degrees
<b>Front to Back Ratio (dB)</b>	27
<b>VSWR</b>	1:1-1.8:1
<b>Overall Size</b>	In Omni form: 3.5" diameter X 1.5" high In Sector-Beam form: 4"H X 8"W X 4"D
<b>Weight</b>	2.0 lb.
<b>Rated Wind Velocity (MPH)</b>	110
<b>Wind Load (sq. ft.)</b>	0.2
<b>Termination</b>	N-Female/NMO per model specific (Custom coaxial jumper pigtailed available by order) Includes 15' RP-BNC LMR-195
<b>Mounting Style</b>	Virtually any vertical or horizontal structure/surface (Saddle-clamp mast mount kit also available)



Azimuth Coordinate Pattern



Elevation Coordinate Pattern