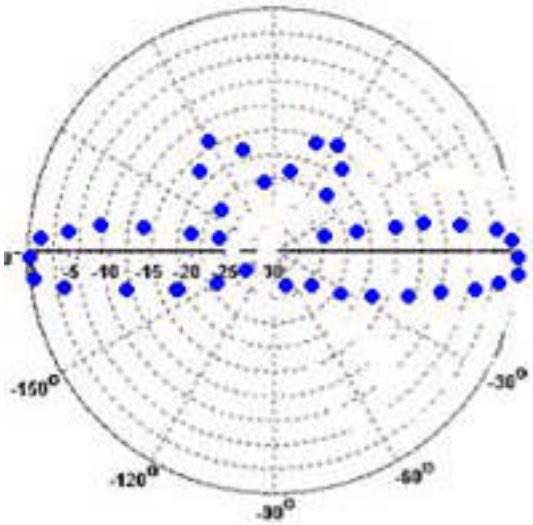
WIFI-PLUS, Inc.
ADVANCED MP ANTENNA SOLUTIONS
www.wifi-plus.com
330-273-3665

5.8 GHz (effective for all 5GHz bands) 16 Stack Stick 3D Collinear Omni High GAIN - 12dBi (17dBmp) WFP0200606

Revolutionary Omni-Directional Antenna provides 'Plug-&-Play' High Gain/Performance with any applicable radio device in all (azimuth) directions. And it allows amp-pre-amp utilization (per FCC 15.247 regulations; calculate in coaxial cable + connector losses).
…Optimum range & penetration for high profile (high performance radio with amp/pre-amp) installation systems AND for getting the most from less expensive-lower power/profile radio deployments…

HIGH GAIN MP-Technology for both transmit and receive in LOS (Line Of Sight) as well as NON/NEAR-LOS obstructed scenarios.
This ultimate MP-Tech. OMNI antenna model provides:
Multi-Polarization/In-Built Spatial Diversity/& Preferred Patterning for the best in obstruction (walls, buildings, trees, etc.) penetration with diffraction (freznel zone issues & knife-edge diffraction), reflection, refraction, and scattering compensating phase-shift/fluctuations capture (Preferred Polarized Path & in-phase polarization components addition in preferred pathways); improvements in Rayleigh and Rician fading, dynamic obstructed environments (movement of CPE and environmental objects around/in the path of the CPE including tree leaves motion, temperature and humidity atmospheric inversions, (water, etc.) wave scattering [Making the most of usable S/N (Signal-to-Noise) in Revolutionary non-active (passive) Antenna Science and Technology]; single (complex) geometric design feed for minimizing phase cancellations yet still maximizing on in-built spatial diversity (geometric spatial capture of signal) with signal flutter reduction.

Manufacturer	WIFI-PLUS
Model	MP-Tech. 12 dBi (17dBmp) OMNI
Type	High Gain Multi-Polarized Omni-Directional Antenna
Product Narrative	Multi-Polarized Highly effective patterning Flutter-reduction (Geometric Spatial Capture of Signal) **Get better and more consistent connectivity and greater throughput speeds.** WMAN/WWAN/WLAN/MESH Networks
General Freq.	5.8GHz band; effective for all 5GHz bands
Gain (dBi)	12 [PLUS 5-10(+) dB effective polarization diversity added gain in obstructed environments]
Max. Input Power (Watts)	50
Polarization	MULTI-POLARIZED
Azimuth Pattern	360 degrees
Elevation Pattern	7 degrees
VSWR	1:1-1.8:1
Overall Size	1" diam. X 14" ht.
Weight	~1/2 lb.
Termination	N-female pigtale
Mounting Style	mast
MSRP	
Warranty	1 yr.



Elevation Coordinate Pattern
(Connector Down)

MP-Tech. 16-Stack Stick Omni
12dBi...17dBmp