



WIFI-PLUS, Inc.
 ADVANCED MP ANTENNA SOLUTIONS

www.wifi-plus.com

WFP0200716
5.8GHz 7.5DBi MESH Omni Antenna

Revolutionary Omni-Directional Antenna provides

'Plug-&-Play' High Gain/Performance screwing directly onto the N-Female connector of the MESH Radio.

HIGH GAIN with **BROAD** Elevation **PATTERN** (needed for elevation-staggered MESH radios) **MP-Technology** for both transmit and receive in LOS (Line Of Sight) as well as NON/NEAR-LOS obstructed scenarios.

MP-Technology provides:

Multi-Polarization/In-Built Spatial Diversity/& Preferred Patterning for the best in obstruction (walls, buildings, trees, etc.) penetration with diffraction (fresnel 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); improvement 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 WFP0200716
Model	MP-Tech. 5.8GHz High Gain Mesh OMNI
Type	High Gain Multi-Polarized Omni-Directional Direct-to-Radio Screw-On
Product Narrative	Multi-Polarized Highly effective patterning Flutter-reduction (Geometric Spatial Capture of Signal) Get better and more consistent connectivity and greater/stabilized throughput speeds
General Freq.	5.8GHz band
Gain (dBi)	7.5 [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	30 degrees (half-power beam width)... Centered at the horizon
VSWR	1:1-1.8:1
Overall Size	1" diam. X 10 1/2" ht.
Termination	N-Male
Mounting Style	Direct-to-Radio
Warranty	1 Year

