

5003500

Dual Band | Microcell Panel | V-Pol | 85° / 62° | 6.0 / 7.5 dBi

- Indoor, microcell antenna, wall mounted design
- Dual band performance, covers all LTE bands
- Available with N-type, 4.1-9.5, 4.3-10 or 7/16-DIN connectors



This model is available in the iBwave In-Building Network Components Database - www.ibwavecomponents.com

Ordering Options	Model Number			
Antenna with N-Type Connector	5003500			
Antenna with 4.1-9.5 Mini-DIN Connector	5003500-mDIN			
Antenna with 4.3-10 Connector	5003500-4310			
Antenna with 7/16-DIN Connector	5003500-DIN			
Electrical Characteristics				
Frequency Band	698-960 MHz		1710-2700 MHz	
Frequency Sub-Bands	698-806 MHz	806-960 MHz	1710-2170 MHz	2170-2700 MHz
Polarization	Vertical			
Horizontal Beamwidth	85° ± 20°	85° ± 20°	62° ± 15°	60° ± 20°
Vertical Beamwidth	75°	73°	60°	50°
Gain	5.5 ± 1.0 dBi	6.0 ± 1.0 dBi	7.0 ± 1.0 dBi	7.5 ± 1.0 dBi
Impedance	50Ω			
VSWR	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.5
Passive Intermodulation (2x20W)	-153 dBc*			
Front-to-Back Ratio	> 8 dB	> 8 dB	> 12 dB	> 12 dB
Maximum Power	50W			
Connector(s)	1 / N-Type Female, 4.1-9.5 Mini-DIN Female, 4.3-10 Female, or 7/16-DIN Female on 0.5 m cable			
* Passive Intermodulation value for N-type connector model only applicable at date of manufacture.				
Mechanical Characteristics				
Dimensions (Height x Width x Depth)	165 x 155 x 50 mm (6.5 x 6.1 x 2.0 in)			
Weight	0.37 kg (0.8 lbs)			
Radome	ABS, White, RAL9003			
Operating Temperature	-55° to +60° C (-67° to +140° F)			
Operational Humidity	< 95%			
Mounting Options				
Wall Mounted	Stainless steel flush mount wall plate supplied			

Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.