

5003900

Multi Band | Microcell Panel | VPOL | 80° / 80° / 65° / 60° / 55° | 5.0 / 6.0 / 7.0 / 7.5 / 8.5 dBi

- Wideband directional antenna covering 698-4000 MHz
- Compact, lightweight and easy to install
- Typically used in indoor distribution of LTE services.
- Passive intermodulation < -150 dBc @ 2x2W
- Low return loss and high gain with stable performance
- N-Type, 7/16-DIN and 4.3-10 connector options

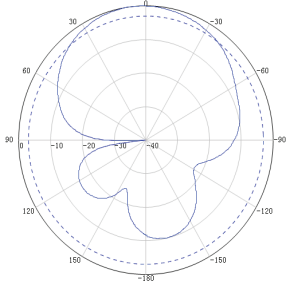


Ordering Options	Model Number				
Antenna with N-Type Connector	5003900				
Antenna with 7/16-DIN Connector	5003900-DIN				
Antenna with 4.3-10 Connector	5003900-4310				
Electrical Characteristics	698-4000 MHz				
Frequency Band	698-806 MHz	806-960 MHz	1710-2170 MHz	2200-2700 MHz	3400-4000 MHz
Polarisation	Vertical				
Horizontal Beamwidth	80°	80°	65°	60°	55°
Vertical Beamwidth	73°	70°	60°	60°	30°
Gain	5.0 ± 0.5 dBi	6.0 ± 0.5 dBi	7.0 ± 0.5 dBi	7.5 ± 0.5 dBi	8.5 ± 0.5 dBi
Impedance	50Ω				
VSWR	≤ 1.8				
Front-to-Back Ratio	> 5 dB	> 8 dB	> 10 dB	> 15 dB	> 10 dB
IM3 (2x2W)	-150 dBc				
Maximum Power	50 W				
Connector	1 Port, N-Type Female or 7/16-DIN Female or 4.3-10 Female				
Mechanical Characteristics					
Dimensions (Length x Width x Depth)	180 x 170 x 60 mm		7.0 x 6.6 x 2.3 in		
Weight	0.4 kg		0.8 lbs		
Operating Temperature	-55° to +60° C		-67° to +140° F		
Radome Material and Color	ABS, White RAL9003				
Mounting Options					
Wall mounting	On wall				

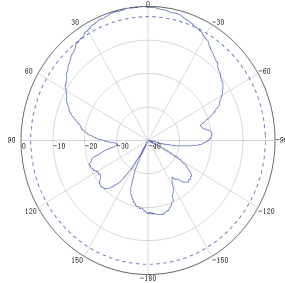
Quoted performance parameters are provided to offer typical or range values only and may vary as a result of normal manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product.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

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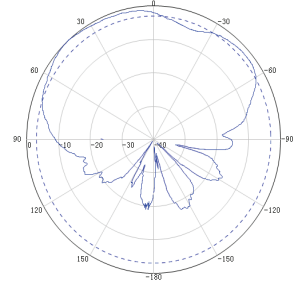
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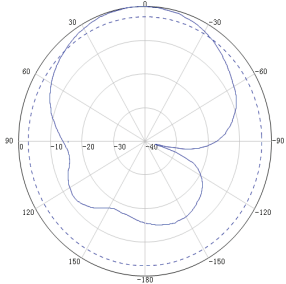
Horizontal | 900 MHz



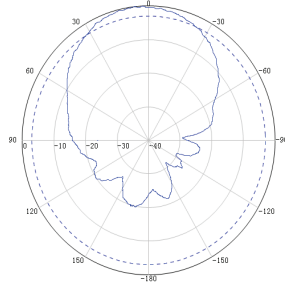
Horizontal | 1800 MHz



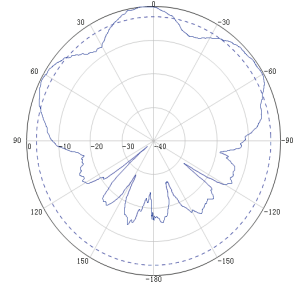
Horizontal | 3500 MHz



Vertical | 900 MHz



Vertical | 1800 MHz



Vertical | 3500 MHz

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