

# 7844000

Dual Band | Microcell Panel | V-Pol | 65° / 65° | 9.0 / 11.0 dBi

- Wideband microcell directional panel operating 806-2700 MHz
- For use in indoor LTE applications
- Stable performance with low return loss and high gain
- A compact, light weight design that is easy to install
- Available with N-type or 4.1/9.5 or 4.3/10 or 7/16-DIN connectors



Ordering Options		Model Number	
Antenna with N-Type Connector		7844000	
Antenna with 4.1/9.5 Mini-DIN Connector		7844000-mDIN	
Antenna with 4.3/10 Connector		7844000-4310	
Antenna with 7/16-DIN Connector		7844000-DIN	
Electrical Characteristics			
Frequency Band	806-960 MHz		1710-2700 MHz
Polarisation	Vertical		
Horizontal Beamwidth	65°		65°
Vertical Beamwidth	65°		35°
Gain	9.0 dBi		11.0 dBi
Impedance	50Ω		
VSWR	≤ 1.5		
Front-to-Back Ratio	> 23 dB		> 23 dB
Maximum Input Power per Port	50 W		
Connector(s)	(1x) N-Type Female, 4.1/9.5 Mini-DIN Female, 4.3/10 Female, or 7/16-DIN Female		
Operating Temperature	-40° to +60° C (-40° to +140° F)		
Mechanical Characteristics			
Dimensions (Height x Width x Depth)	350 x 280 x 85 mm		13.8 x 11.0 x 3.3 in
Weight without Mounting Kit	2.5 kg		5.5 lbs
Radome	Material	UPVC	
	Color	RAL7035	
Mounting Options			
Mounting	Wall Mounted / Mounting Bracket		



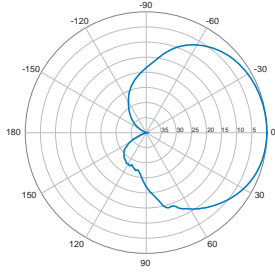
This model is available in the iBwave In-Building Network Components Database - [www.ibwavecomponents.com](http://www.ibwavecomponents.com)

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.

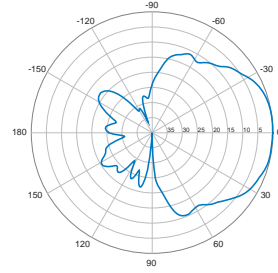
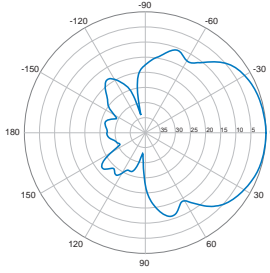
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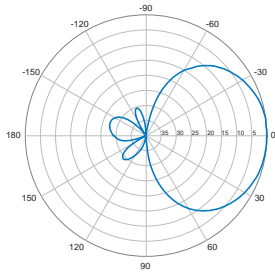
806-960 MHz



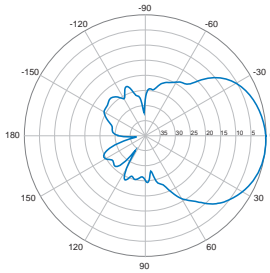
1710-2700 MHz



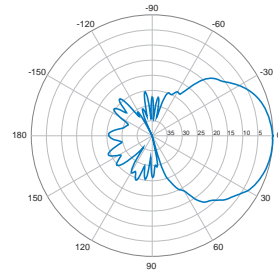
Horizontal | 920 MHz



Horizontal | 1795 MHz



Horizontal | 2595 MHz



Vertical | 920 MHz

Vertical | 1795 MHz

Vertical | 2595 MHz