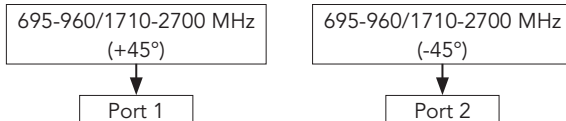


## 7834400

### Features

- Wideband directional antenna operating 695-2700 MHz
- Compact, lightweight and easy to install
- Passive Intermodulation < -150 dBc @ 2x20W
- Low return loss and high gain with stable performance



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

### ORDERING OPTIONS Select from the following ordering options

SELECT	MODEL NUMBER
Antenna with N-Type Female Connectors	7834400
Antenna with 4.310 Female Connectors	7834400-4310

### ELECTRICAL SPECIFICATIONS All Bands

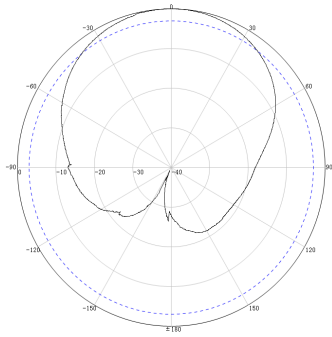
Frequency Range	695-2700 MHz		
Frequency Sub-Range	695-806 MHz	806-960 MHz	1710-2700 MHz
Polarization	±45°		
Gain	5.0 ± 1.0 dBi	6.0 ± 1.0 dBi	7.0 ± 1.0 dBi
Horizontal Beamwidth	75° ± 15°		65° ± 15°
Vertical Beamwidth	68°	60°	65°
Isolation	> 20 dB		> 23 dB
VSWR	≤ 2.0		≤ 1.5
Passive Intermodulation 3rd Order for 2x20 W Carriers	≤ -150 dBc	≤ -150 dBc	≤ -150 dBc
Front-to-Back Ratio	≥ 10 dB	≥ 12 dB	≥ 15 dB
Maximum Power	50W		
Connector Type	2 Ports, N-Type Female or 4.3-10 Female (specify when ordering)		

### MECHANICAL SPECIFICATIONS

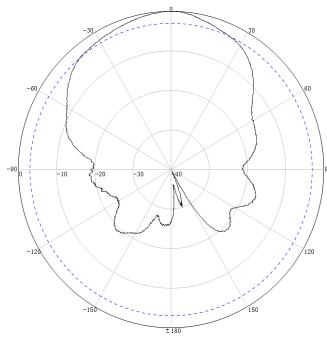
Antenna	Length	308 mm (12.1 in)
	Width	190 mm (7.5 in)
	Depth	65 mm (2.6 in)
Net Weight	0.9 kg (2.0 lbs)	
Operating Temperature	-55° to +60° C (-67° to +140° F)	
Operational Humidity	< 95%	
Radome Material	ABS	
Radome Color	White, RAL9003	
Mounting Options	Fasteners and screws included for wall mounting	

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.

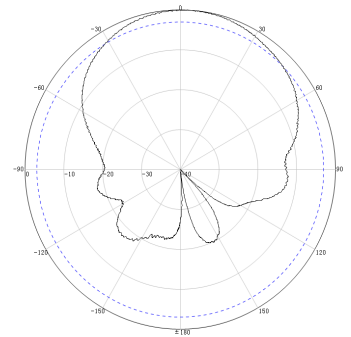
7834400



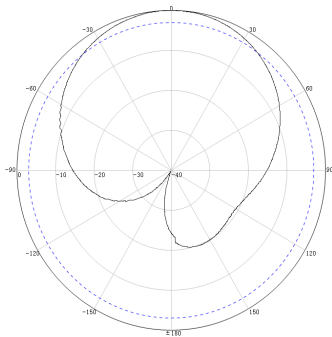
Horizontal, 900 MHz



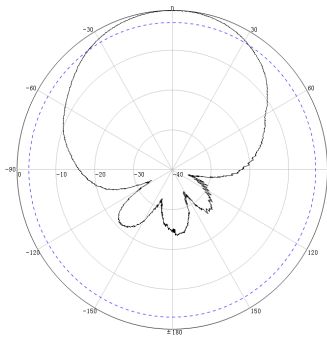
Horizontal, 1710 MHz



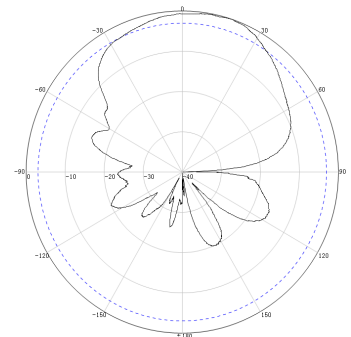
Horizontal, 2500 MHz



Vertical, 900 MHz



Vertical, 1710 MHz



Vertical, 2500 MHz

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