




7825700

Dual Band | Omni | VV-Pol | 360° / 360° | 1.87 / 3.4 dBi | Fixed Tilt | Indoor / Outdoor

- Dual Band, VV-Pol, fixed tilt, omni antenna
- Versatile size for a variety of applications
- For indoor and outdoor use

Ordering Options		Model Number					
Antenna with N-Type Connector		7825700					
Antenna with 4.1/9.5 Mini-DIN Connector		7825700-mDIN					
Antenna with 7/16-DIN Connector		7825700-DIN					
Electrical Characteristics		696-960 MHz		1710-2700 MHz			
Frequency Band (MHz)		696-806	806-960	1710-1880	1850-1990	1900-2170	2200-2700
Polarisation		Vertical		Vertical			
Horizontal Beamwidth		360°	360°	360°	360°	360°	360°
Vertical Beamwidth		87.7°	68.3°	44.4°	40.3°	60.3°	36.1°
Gain		1.87 dBi	1.24 dBi	2.5 dBi	3.4 dBi	2.8 dBi	2.9 dBi
Impedance		50Ω					
VSWR		< 2.5:1		1710-2170 MHz: < 2.0:1 2170-2700 MHz: < 2.5:1			
Passive Intermodulation (2x20W)		-153 dBc *PIM value for antenna with N-Type connector only applicable at date of manufacture					
Input Power		50 W					
Total Number of Connectors		Antenna has 1 connector located at the bottom					
Connectors Per Band, Type, Location		696-960 MHz / 1710-2700 MHz 1 Connector / N-Type Female, 4.1/9.5 Mini-DIN Female or 7/16-DIN Female / Bottom					
Mechanical Characteristics							
Radome Color		White					
Dimensions (Length x Diameter)		205 x Ø30 mm			8.1 x Ø1.2 in		
Dimensions with Connector (L x D)		234 x Ø30 mm			9.2 x Ø1.2 in		
Weight without Mounting Bracket		0.11 kg			0.24 lbs		
Wind Load (160 km/hr or 100 mph)		4 N			1.0 lbf		
Survival Wind Speed		241 km/hr			150 mph		
Environmental Characteristics							
Environmental Protection		IP54					
Mounting Characteristics							
All mounting bracket kits are ordered separately unless otherwise indicated. Select from the options listed below.							
Mounting interface is four Ø3.4 mm (0.1 in) holes equally spaced on a Ø41 mm (1.6 in) bolt circle							
Select from the following Mounting Options:	Part Number	Image	Attach to Pipe Diameter	Weight			
Universal Wall / Ceiling Mounting Kit	505-173-5-003		---	2.7 kg 6 lbs			
Wall Mounting Kit	XSL9254316		---	0.5 kg 1.1 lbs			
Wall or Pole Mounting Kit	XSL9254317		30-53 mm 1.2-2.0 in	0.5 kg 1.1 lbs			



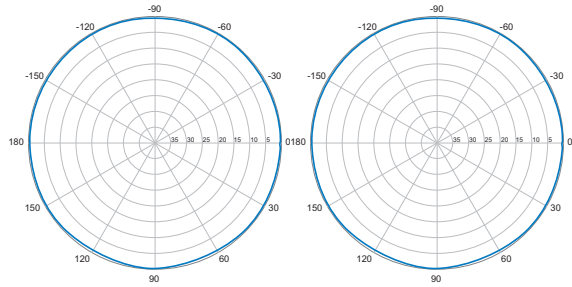
This model is available in the iBwave In-Building Network Components Database - www.ibwavecomponents.com

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.

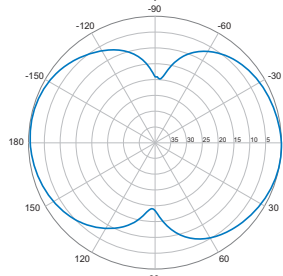
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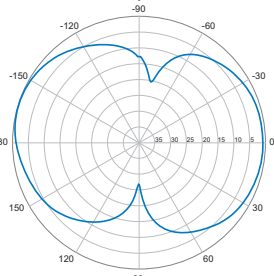
696-960 MHz



Horizontal | 750 MHz



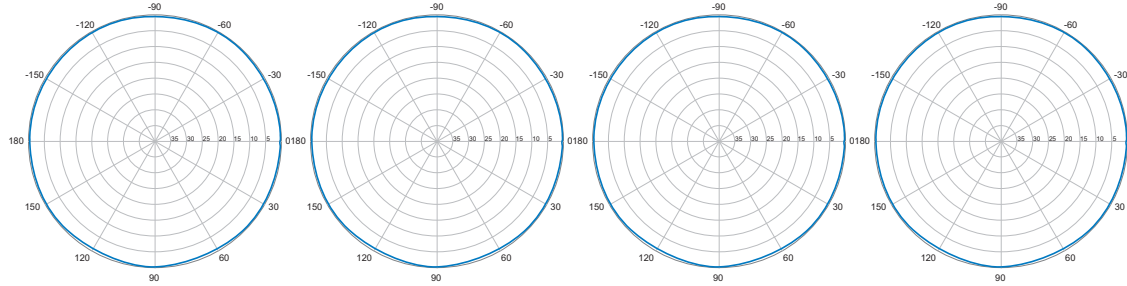
Horizontal | 850 MHz



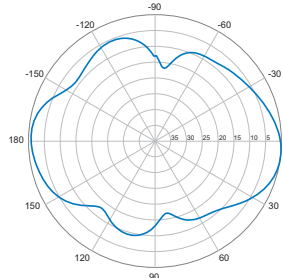
Vertical | 0° | 750 MHz

Vertical | 0° | 850 MHz

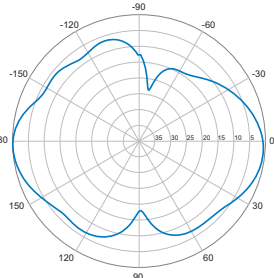
1710-2700 MHz



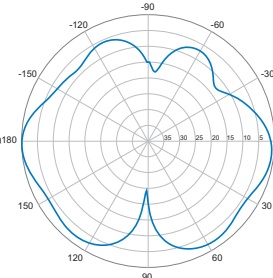
Horizontal | 1800 MHz



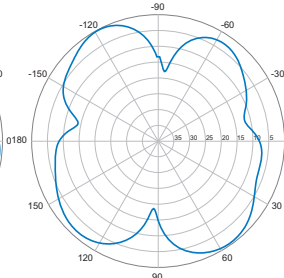
Horizontal | 1900 MHz



Horizontal | 2100 MHz



Horizontal | 2100 MHz



Vertical | 0° | 1800 MHz

Vertical | 0° | 1900 MHz

Vertical | 0° | 2100 MHz

Vertical | 0° | 2400 MHz

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