

## 5047420

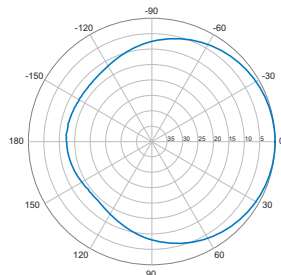
Single Band | Panel | V-Pol | 106° | 4.5 dBi

- Single band, vertically polarized, indoor/outdoor, UHF panel antenna
- Designed to provide fill-in coverage in TETRA networks
- Easy to install using the integrated wall mounting

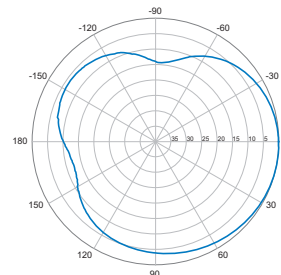
Ordering Options		Model Number
Antenna with N-Type Connector		5047420
Antenna with 4.1/9.5 Mini-DIN Connector		5047420-mDIN
Antenna with 7/16-DIN Connector		5047420-DIN
Electrical Characteristics		
Frequency Band	410-430 MHz	
Polarization	Vertical	
Horizontal Beamwidth	106°	
Vertical Beamwidth	112°	
Gain	2.4 dBd (4.5 dBi)	
Impedance	50Ω	
VSWR	< 1.5:1	
Front-to-Back Ratio	> 10 dB	
Passive Intermodulation (2x5W carriers)	-143 dBc* *PIM value for N-type connector model only applicable at date of manufacture.	
Input Power	50W	
Connector(s)	1 / N-Type Female, 4.1/9.5 Mini-DIN Female or 7/16 DIN Female with 0.5 m (19.7 in) RG303 Cable	
Lightning Protection	DC Ground	
Mechanical Characteristics		
Materials	Housing	Aluminum
	Radome / Color	UV Resistant, Halogen Free FR ABS / White (UL94V-O, CAA no. 8 Sec2.2b, FAR25.853b)
Dimensions (Length x Width x Depth)	305 x 225 x 60 mm	12.0 x 8.9 x 2.4 in
Weight without Bracket	1.05 kg	2.4 lbs
Wind Load (160 km/hr or 100 mph)	85 N	19.1 lbf
Mounting Characteristics		
Mounting Kit (Included)	Integrated wall mounting bracket	



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



Horizontal



Vertical

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.