

Product Specification



CCAT-114-XDF

Ceiling Mount Omni Antenna

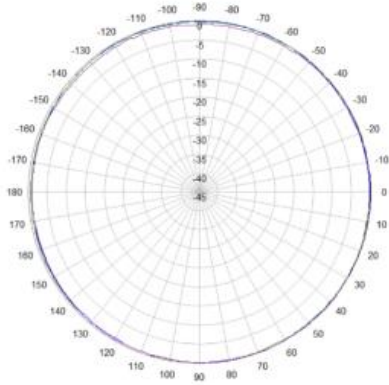
- **Covers Multiple Bands**
- **SISO DAS configured**
- **Type N and 4.3-10 connector options**
- **Low Passive Intermods**

Electrical Specifications			
Frequency Band (MHz)	698-960	1695-2700	3300-3800
Connector Type	N or 4.3-10 DIN (F) w/ pigtail		
VSWR/Return Loss (dB)	1.8/11		
Impedance	50 Ω		
Polarization	Horizontal		
Horizontal Beamwidth	Omni (360 Degrees)		
Average Gain (dBi)	1.3	2.5	3.3
Max Power per Port	50 Watts at ambient temperature 70°F (25°C)		
PIM @ 2x 43dBm	<-153dBc (4.3-10(f)), <-150dBc (N(f))		

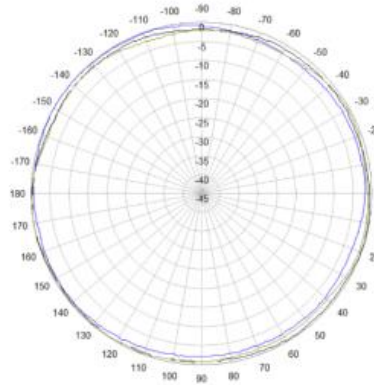
Mechanical Specifications	
Operating Temperature	-40° to 70°C (-40° to 158°F)
Antenna Weight	0.45 kg (1.0 lbs)
Antenna Diameter	308 mm
Antenna Height	25 mm
Radome Material	ABS UV Resistant
Radome Colour	Off white
Flamability Rating	UL94-V0
RoHs	Compliant
Ingress Protection	Indoor
Cable	Plenum Rated
Approved for Plenum Space	Listed & tested by Intertek / ETL

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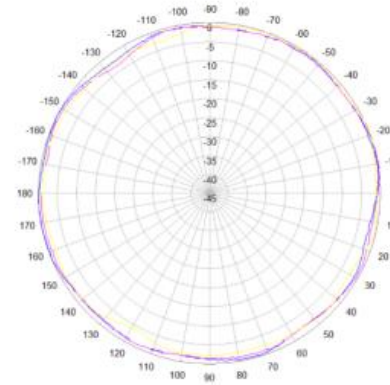
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698-960MHz

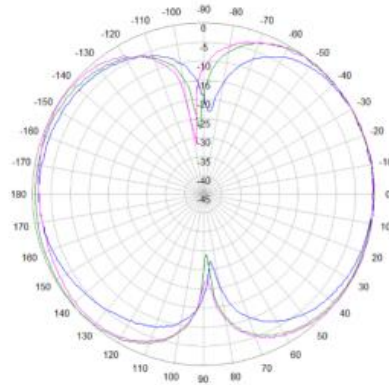


1695-2700MHz

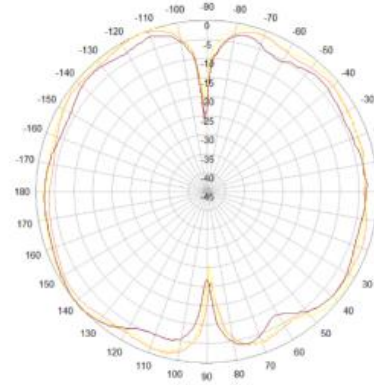


3300-3800MHz

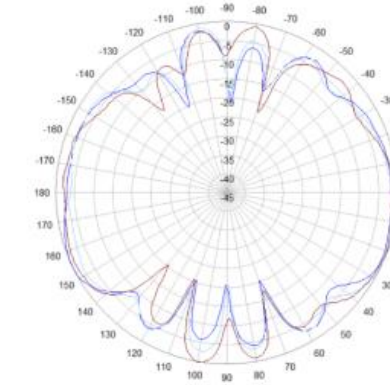
Horizontal



698-960MHz



1695-2700MHz



3300-3800MHz

Vertical

Antenna Patterns

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