



**Tone Spread**  
Solutions for Wireless Signal

# Tone Spread Technology Co., Ltd.

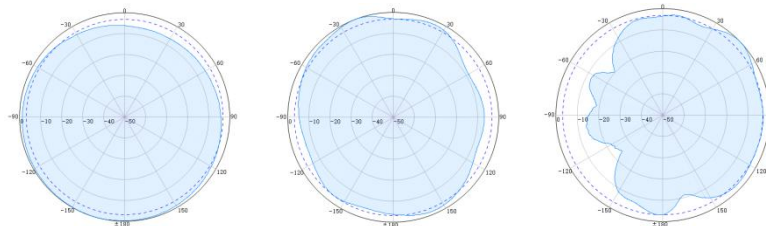
698-4000MHz Low PIM Card Omni Antenna  
Model: CE-698-4000-4-NV3 (N female)  
CE-698-4000-4-MV3 (4.3-10 female)



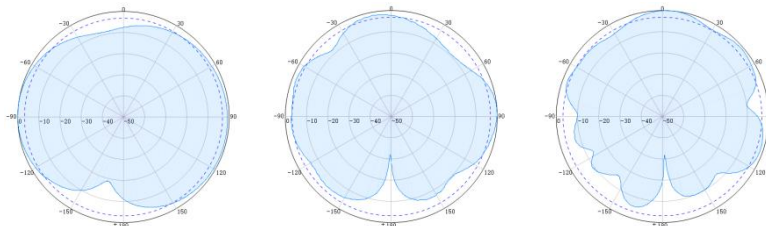
<b>Electrical Specifications</b>				
Frequency Range, MHz	698-960	1710-2170	2170-2700	3300-4000
Gain, dBi	3.0	4.0	5.0	4.0
VSWR	≤2.0	≤1.8	≤1.8	≤1.8
Polarization	Horizontal			
PIM, 3rd Order, 2x20W	≤-153 dBc			
Horizontal Beam width	360°			
Vertical Beam width	118°	75°	63°	70°
Input Impedance	50 Ω			
Max. Input Power	50 W			
Lightning Protection	DC Ground			
<b>Mechanical Specifications</b>				
Connector	N Female		4.3-10 Female	
Dimensions	180x110x7.0 mm			
Weight	0.2 kg			
Color	White			
Reflector Material	Aluminum			
Radome Material	ABS (UV Stabilized)			
Operating Temperature	-40°C to +65 °C			

## Radiation Patterns

Horizontal



Vertical



750MHz

2170MHz

3800MHz

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