

ClearLink® Low PIM Rectangular Ultra Slim Omnidirectional Antenna



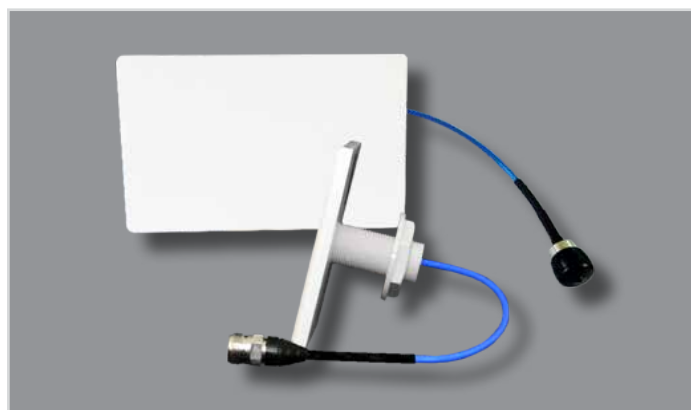
Model Number

Part Number

Ant-O\698-4000-Thinrect/N(f)	CS03-020-833/N
Ant-O\698-4000-Thinrect/4310(f)	CS03-020-833/4310

Features & Benefits

- Low Cost
- Small Footprint
- Ultra Slim Profile
- Multiband Design
- Covers CDMA, GSM, DCS, 3G/UMTS, LTE
- In-building coverage



Low PIM Rectangular Ultra Slim Omni Antenna

Electrical Specifications

Frequency Range (MHz)	698-960	1690-2170	2300-2500	2500-2700	3300-4000
Gain (dBi)	3.0	4.0	4.5	5.0	4.0
VSWR	≤1.8	≤1.8	≤1.8	≤1.8	≤2.0
Polarization	Horizontal				
Horizontal Beam Width	360°				
Vertical Beam Width	118°	75°	65°	63°	70°
PIM, 2x20W (dBc)	≤-153				
Impedance (Ω)	50				
Maximum Input Power (W)	50				
Lighting Protections	DC Ground				

Specifications subject to change without notice.

Mechanical Specifications

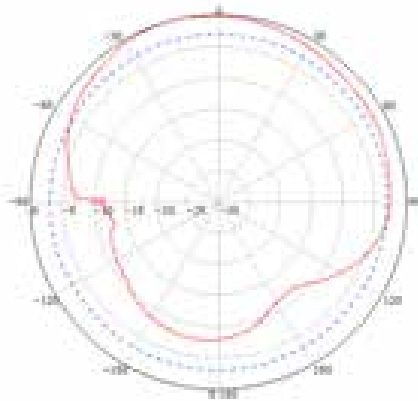
Connector	N (f) or 4.3-10 (f)
Size (In)	7.1x4.4x0.28
Weight (lb)	0.45
Reflector Material	PCB
Radome Material	ABS (UV Stabilized)
Radome Color	White
Operating Temperature (F/C)	-40~149 (-40~65)



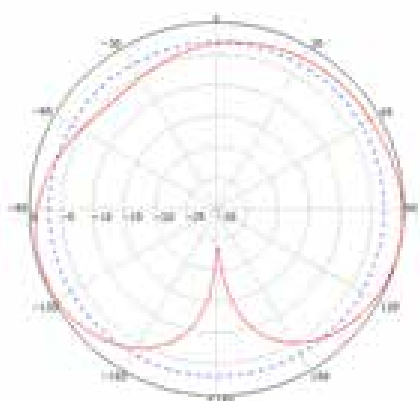


ClearLink® 698-4000 MHz Low PIM Rectangular Ultra Slim Omnidirectional Antenna

Sample Antenna Patterns*



H-Plane



V-Plane

* Additional patterns with enlarged images are available upon request.



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Page 2 of 2