

# ClearLink® Multiband Omnidirectional Antenna

## Model Numbers

- ClearLink-O/698-2.7K/N  
(CS03-011-429)

## Frequency Range

- 698-960 MHz
- 1710-2690 MHz

## Features & Benefits

- Multiband Design
- Flexible Mounting Options
- Symmetric Construction
- Suitable for Wall Mounting



Multiband Omnidirectional Antenna

## Target Applications

- CDMA, GSM, DCS, 3G/UMTS, LTE
- In-building Coverage

## Electrical Specifications

Horizontal Beamwidth	Omnidirectional
Gain	
698-738 MHz	2 dBi
738-818 MHz	1 to 2 dBi
818-960 MHz	1 to 2 dBi
1700-2690 MHz	2 to 4 dBi
Polarization	Vertical
Impedance	50 Ohm
VSWR/Return Loss	
698-738 MHz	2.0/9.5 dB
738-818 MHz	1.8/10.9 dB
818-960 MHz	1.5/14.0 dB
1700-2690 MHz	1.4/15.5 dB
PIM, 3rd order, 2 x 20W	-153 dBc
Max Input Power	50 Watts (2W typical)

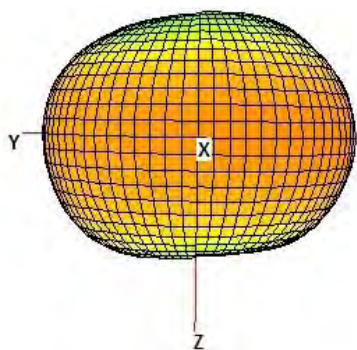
## Mechanical Specifications

Case Material	ABS with UV Protection
Operating Temperature	-40° to +70° C
Dimensions	8 Dia. x 4.5 H in.
Weight	1.6 lbs
Connectors	N-Female
Pigtail	Low PIM plenum rated cable
Standard Mounting Style	Ceiling
Universal bracket included for additional mounting options	

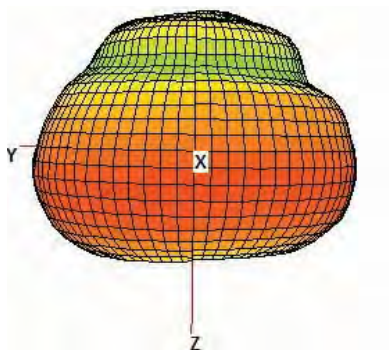
Specifications subject to change without notice.

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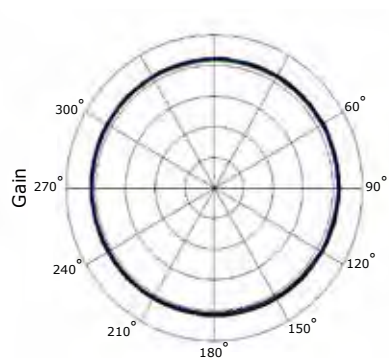
## Sample Antenna Patterns\*



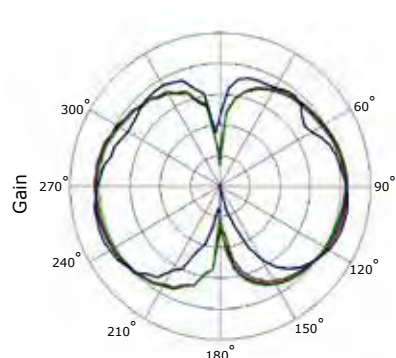
698 MHz



1904 MHz



Azimuth Pattern



Elevation Pattern

■ 698 MHz ■ 740 MHz ■ 818 MHz ■ 1904 MHz

\* Additional patterns with enlarged images are available upon request.

