



Economy Multiband Omnidirectional Antenna

Model Numbers

- Ant-O\698-2.7k/N(f) Econ (CS03-019-429)
- Ant-O\698-2.7k/4.3-10 Econ (CS03-019-429-02)

Frequency Range

- 698-960/1710-2700

Features & Benefits

- Low Cost
- Multiband Design
- Covers CDMA, GSM, DCS, 3G/UMTS, LTE
- In-building coverage



Multiband Omnidirectional Antenna

Electrical Specifications

| | |
|-------------------------|---------------------|
| Frequency Range | 698-960/1710-2700 |
| Polarization | Vertical |
| Gain (dBi) | 1±0.5/5±1.0 |
| Half-power Beam Width | Hor: 360/Ver: 60/30 |
| Impedance (Ω) | 50 |
| VSWR | ≤2.0/≤1.5 |
| Maximum Input Power (W) | 50 |

Specifications subject to change without notice.

Mechanical Specifications

| | |
|-----------------------------|---------------------|
| Connector | N (f) or 4.3-10 (f) |
| Size (In) | 7.3x3.4 |
| Weight (lb) | 0.5 |
| Wind Loading Area (m2) | ≤0.2 |
| Rated Wind Velocity (mph) | 82 |
| Reflector Material | Aluminum |
| Radome Material | ABS |
| Radome Color | White |
| Operating Temperature (F/C) | -40~131 (-40~55) |



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Sample Antenna Patterns*



Azimuth Patterns, 698 MHz-806 MHz



Elevation Patterns, 698 MHz-806 MHz



Azimuth Patterns, 824 MHz-960 MHz



Elevation Patterns, 1710 MHz-2170 MHz



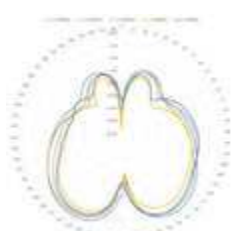
Azimuth Patterns, 2300 MHz-2700 MHz



Elevation Patterns, 2300 MHz-2700 MHz



Azimuth Patterns, 2300 MHz-2700 MHz



Elevation Patterns, 2300 MHz-2700 MHz

* Additional patterns with enlarged images are available upon request.

