



DATASHEET

698 to 2700 MHz 6/7 dBi Omnidirectional Collinear Antenna A072706NJ-OC

The A072706NJ-OC omnidirectional collinear antenna is designed to work with ProSoft Technology radios. This antenna features a collinear design that is enclosed in high density fiberglass, which is covered by a protective UV inhibiting coating. The antenna's high quality and well-focused beam provides superior radiation efficiency.



Features

- ◆ Omnidirectional outdoor antenna applications
- ◆ Supports 698 to 960 and 1710 to 2700 Mhz frequencies
- ◆ Includes Wall or Mast Mount installation hardware

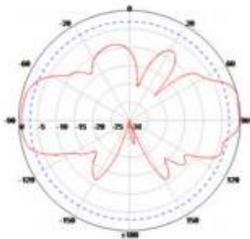
Compatibility

All antennas have been tested for compatibility with ProSoft Technology products. Please see the ProSoft Wireless Designer (PWD) configuration tool to assist you in choosing the best antenna for your application.

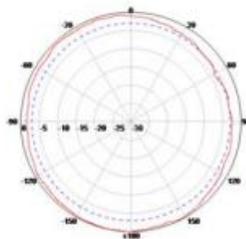
Specifications

Specification	Description	
Frequency Range	698 to 960 Mhz	1710 to 2700 Mhz
Bandwidth	262 Mhz	990 Mhz
Gain	6 dBi	7 dBi
Vertical Beamwidth	40 degrees	20 degrees
Horizontal Beamwidth	360 degrees	
VWSR	<2.0:1 Max	
Nominal Impedance	50 Ohm	
Polarization	Vertical	
Max Power	50 W	
Connector	N-Female	
Dimensions (H x W x D)	26.7 x 3.0 x 3.9 in 67.82 x 7.62 x 9.91 cm	
Operating Temperature	-40°F to 140° F (-40°C to 60°C)	
Weight	1.78 lbs (81 kg)	

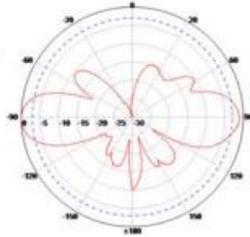
Patterns:



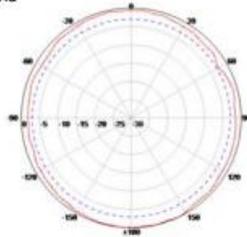
E Plane Low Band



E Plane High Band



H Plane Low Band



H Plane High Band



Where Automation
Connects™

Global Distribution

ProSoft Technology® products are distributed and supported worldwide through a network of over 500 distributors in over 50 countries. Our knowledgeable distributors are familiar with your application needs. For a complete list of distributors, go to: www.prosoft-technology.com

Ordering Information

To order this product, please use the following:

**698 to 2700 MHz 6/7 dBi
Omnidirectional
Collinear Antenna**

A072706NJ-OC

To place an order, please contact your local ProSoft Technology distributor. For a list of ProSoft Technology distributors near you, go to: www.prosoft-technology.com and select *Where to Buy* from the menu.