



DATASHEET

698 to 2700 MHz 10/11 dBi Directional Antenna A072710NJ-DS

The A072710NJ-DS 698 to 960 / 1710 to 2700 directional antenna is designed for to work with ProSoft Technology radios. This antenna is designed for outdoor wireless networks operation in the LTE, GSM, CDMA, PCX, 3G, and WLAN frequency ranges. It includes a N-Style connector and adjustable mast mount for precise positioning.



Features

- ◆ Directional Cellular applications
- ◆ Supports 698 to 960 and 1710 to 2700 MHz frequencies
- ◆ Includes Mast Mount installation hardware

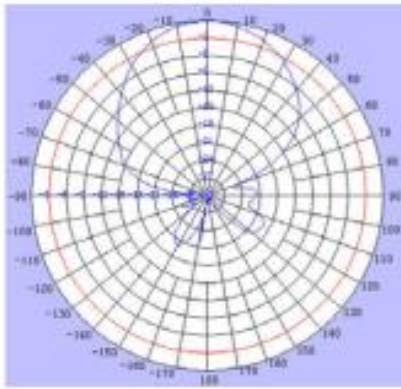
Compatibility

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.

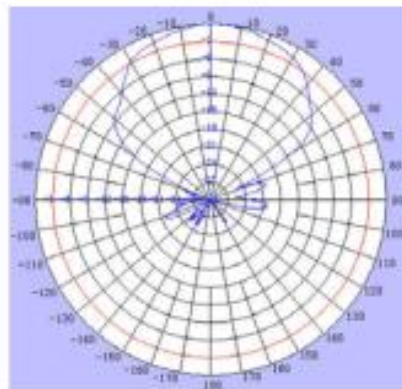
Specifications

Specification	Description
Frequency Range (MHz)	698 to 960 1710 to 2500 2500 to 2700
Gain	9.9 10.9 10.4
Vertical Beamwidth	57 43 46
Horizontal Beamwidth	63 52 54
Front to Back Ratio - dB	23 16 20
VWSR	≤1.5 / ≤1.5 / ≤1.8
Nominal Impedance	50 Ohm
Polarization	Vertical
Max Power	50 W
Connector	N-Female
Dimensions (L x W x H)	17.4 x 8.1 x 1.5 in (44.2 x 20.8 x 3.8 cm)
Operating Temperature	-40° to 140° F (-40° to 60° C)
Wind Rating	123 mph
Weight	2.2 lbs (0.998 kg)
Mounting	Mast / Pole
Mast Diameter	1.6 to 2.0 in. (4.1 to 5.1 cm)

Patterns:

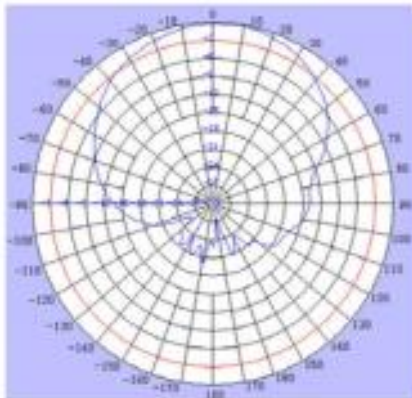


800 MHz

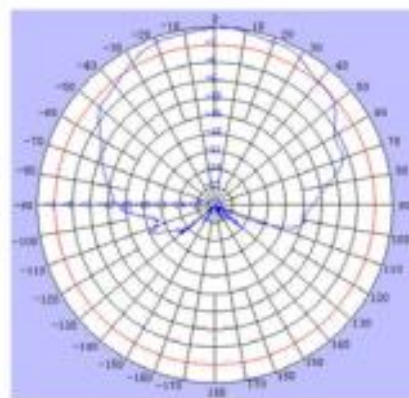


1900 MHz

E-Plane



800 MHz



1900 MHz

H-Plane



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 10/11
dBi Directional
Antenna**

A072710NJ-DS

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.

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Specifications subject to change without notice.