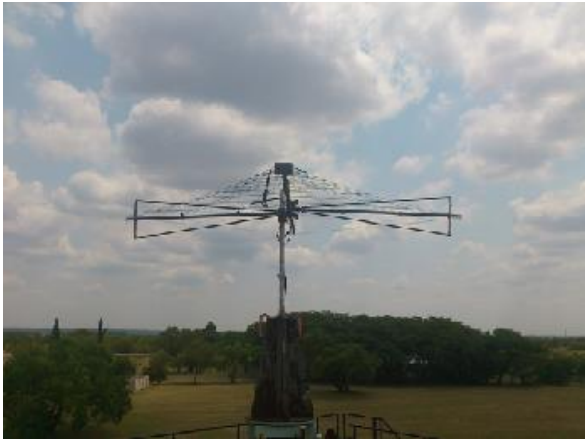
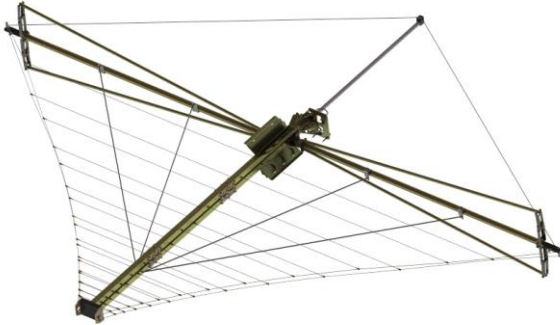


Wideband Wire LPDA Antenna

30 – 500 MHz

Product Code: LPDA-A0100

VERSION: 1.5



SPECIFICATIONS:

| Electrical: | |
|---|--|
| Frequency range | 30 – 500 MHz |
| VSWR | < 2.5:1 |
| Nominal input impedance | 50 Ω |
| Connector | 7/16 female |
| Feed power handling | 1000 W |
| Gain | See gain graph |
| Polarisation | Linear, vertical or horizontal |
| Mechanical: | |
| Dimensions | Length excluding tension system: 1900 mm Length including tension system: 2900 mm Height: 3550 mm Width: 420 mm |
| Packed dimensions (l x h x w) | 1870 mm x 180 mm x 270 mm |
| Total mass | < 15 kg |
| Mounting method | Bracket attached with U-bolts to mast. |
| Environmental: designed to meet the following specifications | |
| Wind survival | 100 km/h |
| Temperature (operational) | -35 °C to 71 °C |
| Temperature (storage) | -35 °C to 71 °C |
| Exposed materials | Aluminium, stainless steel and tufnol |

PRODUCT FEATURES:

- Quick deployment
- Lightweight
- Quick deployable
- Compact storage
- Wideband
- Low and stable VSWR
- Vertical or horizontal polarisation

*U.S. Patent No. 8,698,693 B2;

*ZA Patent No. 2011/01866

PRODUCT DESCRIPTION:

The LPDA-A0100 is medium-gain wideband directional LPDA antenna and covers the frequency band from 30 MHz to 500 MHz.

This antenna is constructed using a unique wire technology. This makes the antenna lightweight and allows for very compact storage, quick, easy deployment and mounting. The flexible nature of this antenna makes it very easy to collapse the antenna and break off any accumulated ice.

All antenna elements are permanently attached to the boom, to prevent any parts from becoming lost in the field.

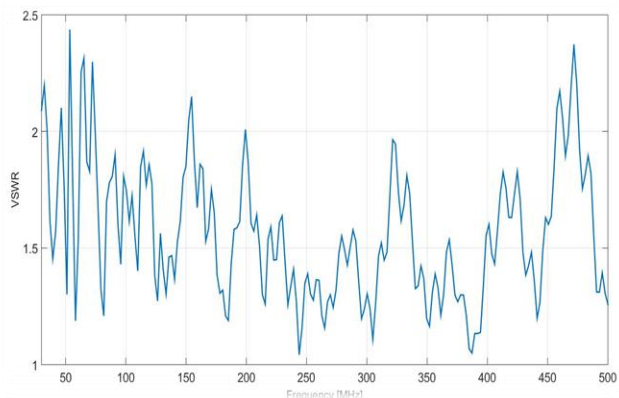
Wideband Wire LPDA Antenna

30 – 500 MHz

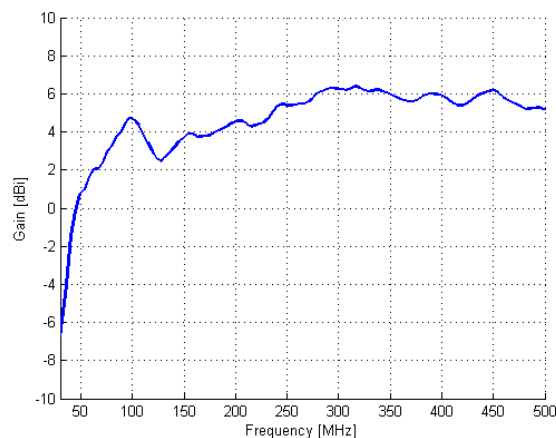
Product Code: LPDA-A0100

VERSION: 1.5

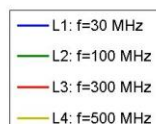
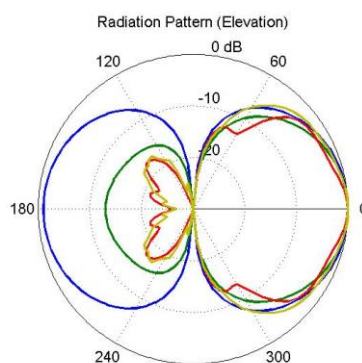
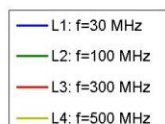
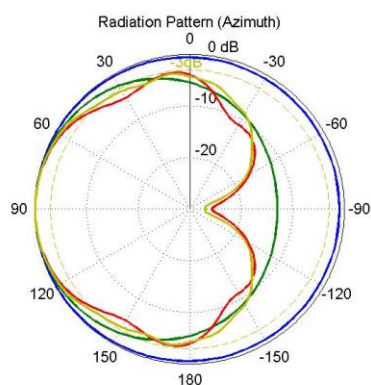
Measured VSWR:



Measured gain:



Radiation patterns:



Folding mechanism photos:



AUTHORIZED USA
DISTRIBUTION BY:

Cyntony Corporation
195 Follen Road
Lexington, Massachusetts
sales@cyntony.com
781-430-0675

cyntony
customer attuned

GAIN THE
ADVANTAGE