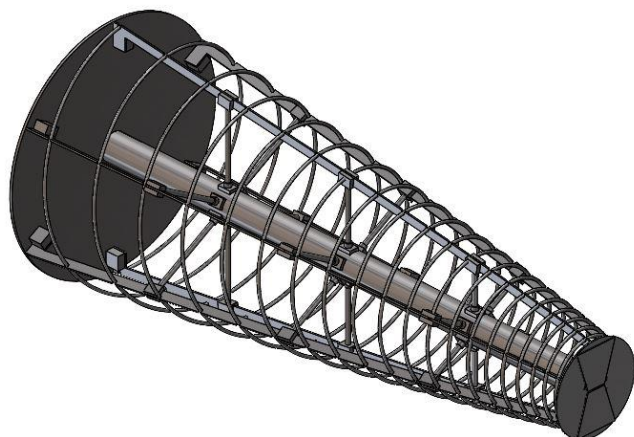


# High Power Circular Polarised Antenna

140 – 230 MHz

Product Code: SPRL-A0035

VERSION: 1.1



## SPECIFICATIONS:

Product code:	
Frequency	140 – 230 MHz
Gain	> 8 dBi typical
Beamwidth	70° (typical)
Polarisation	LHCP
Nominal impedance	50 Ω
VSWR	< 2.5:1
Power handling	50 W CW
Connector	N-type female
Mechanical:	
Dimensions (d x l)	Ø 850 mm x 2000 mm
Total mass	< 40 kg
Colour	Painted on request
Environmental: designed to meet the following specifications	
Temperature range	Storage: -41 °C to +71 °C. Operation -31 °C to +55 °C
Weatherproofing	IP 66
Exposed materials	Alodined aluminium, Stainless steel, copper, Epoxy glass

## PRODUCT OVERVIEW:

SPRL-A0035 is a high power conical spiral, left-hand circularly polarised antenna designed for operation in the 140 – 230 MHz band. The antenna provides broad beam coverage without nulls or reduction in performance.

The antenna features a low VSWR and high gain over the operating band.

## PRODUCT FEATURES:

- LHCP antenna
- High power
- Low VSWR

## AUTHORIZED USA DISTRIBUTION BY:

Cyntony Corporation  
 195 Follen Road  
 Lexington, Massachusetts  
[sales@cyntony.com](mailto:sales@cyntony.com)  
 781-430-0675



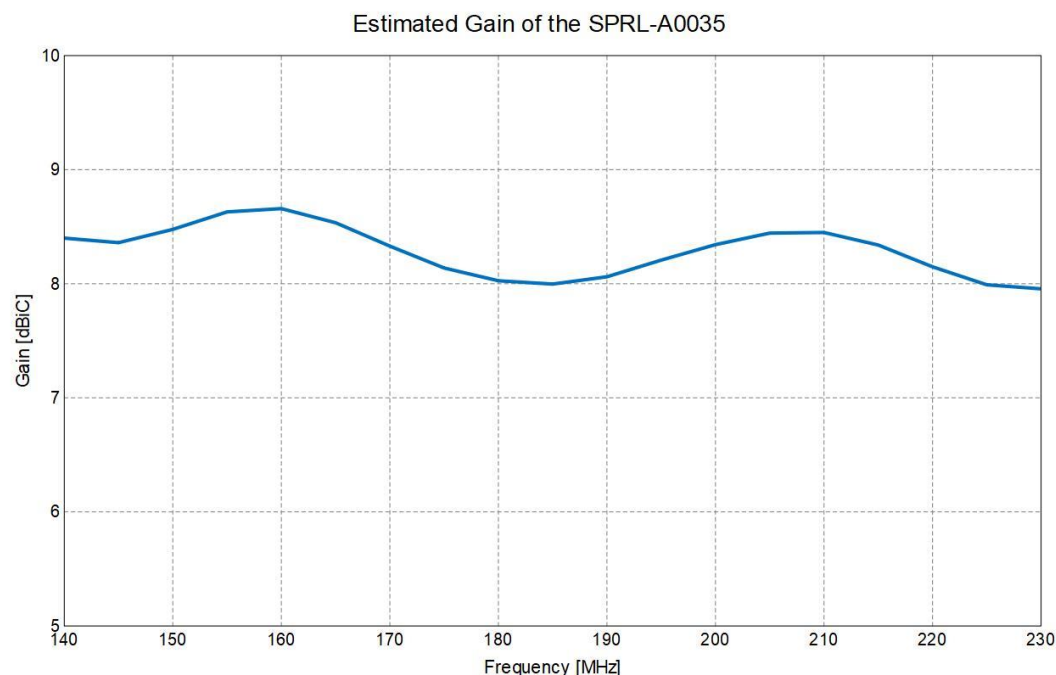
# High Power Circular Polarised Antenna

140 – 230 MHz

Product Code: SPRL-A0035

VERSION: 1.1

Gain:



**AUTHORIZED USA  
DISTRIBUTION BY:**

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

