

# High Power Circular Polarised Antenna

2000 – 6000 MHz

Product Code: SPRL-A0021

VERSION: 1.3

## SPECIFICATIONS:

Electrical	
Frequency range	2000 – 6000 MHz
Gain	10 dBic typical
Beamwidth	35 – 50° (typical)
Polarisation	RHCP
Nominal impedance	50 $\Omega$
VSWR	< 2.0:1
Power handling	100 W CW
Connector	N-type female
Mechanical:	
Dimensions (l x d)	< 200 mm x $\varnothing$ 120 mm
Total mass	< 1 kg
Colour	Per 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 water resistant
Exposed materials	Conversion Coated aluminium Painted ABS

## PRODUCT OVERVIEW:

SPRL-A0021 is a high power conical spiral, right-hand circularly polarised antenna designed operation in the 2000 – 6000 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 with a radome to protect the radiator.

## PRODUCT FEATURES:

- RHCP antenna
- High power
- Low VSWR



## AUTHORIZED USA DISTRIBUTION BY:

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



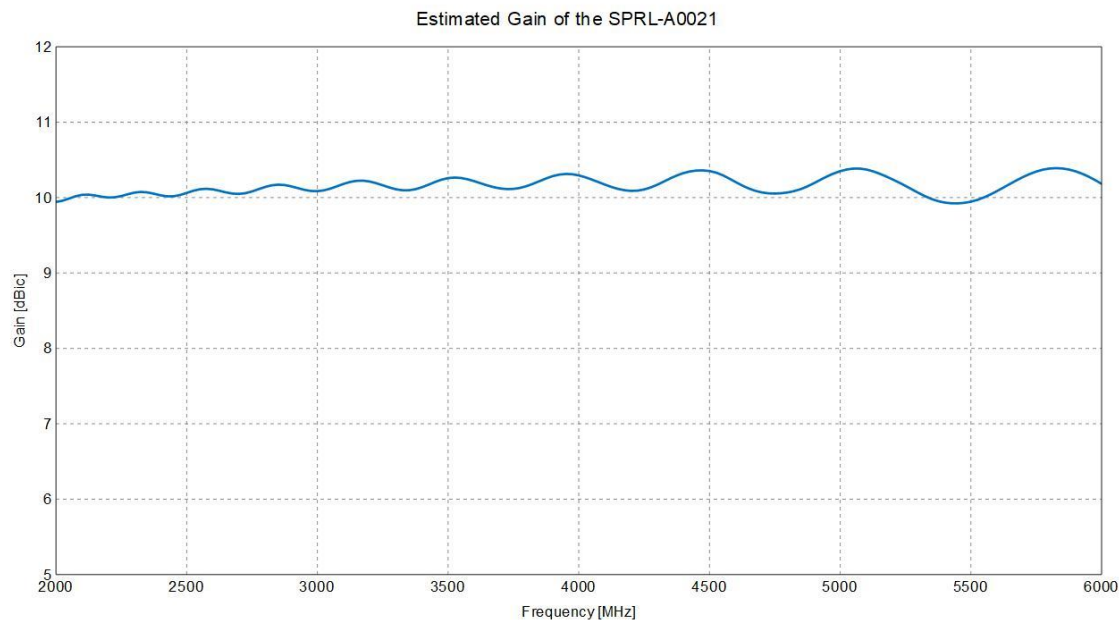
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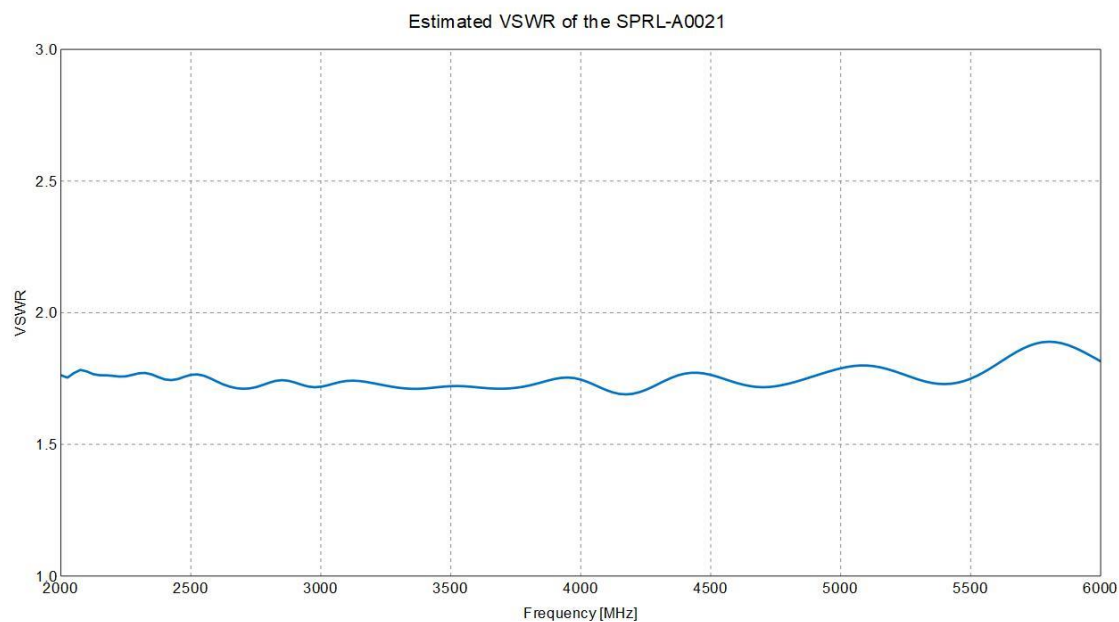
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## Estimated Gain:



## Estimated VSWR:



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