

# High Power Circular Polarised Antenna

2000 – 6000 MHz

Product Code: SPRL-A0021

VERSION: 1.1

## SPECIFICATIONS:



<b>Electrical</b>	
Frequency range	2000 – 6000 MHz
Gain	10 dBic typical
Beamwidth	35 – 50° (typical)
Polarisation	RHCP
Nominal impedance	50 Ω
VSWR	< 2.0:1
Power handling	100 W CW
Connector	N-type female
<b>Mechanical:</b>	
Dimensions (l x d)	< 550 mm x Ø 100 mm
Total mass	< 2 kg
Colour	Painted on request
<b>Environmental: designed to meet the following specifications</b>	
Temperature range	Storage: -41 °C to +71 °C. Operation -31 °C to +55 °C
Weatherproofing	IP 66 water resistant
Exposed materials	Chromated 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