

# High Power Circular Polarised Antenna

1000 – 6000 MHz

Product Code: SPRL-A0008

VERSION: 1.2



## SPECIFICATIONS:

<b>Electrical</b>	
Frequency range	1000 – 6000 MHz
Gain	> 6 dBi typical
Beamwidth	55° (typical)
Polarisation	LHCP
Nominal impedance	50 Ω
VSWR	< 2.0:1
Power handling	50 W CW
Connector	N-type female
<b>Mechanical:</b>	
Overall height:	450 mm
Diameter:	165 mm (Radome) 220 mm (Mounting flange)
Total mass	< 4 kg
Colour	Per 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	Alodined aluminium Epoxy glass

## PRODUCT OVERVIEW:

SPRL-A0008 is a high power conical spiral, left-hand circularly polarised antenna designed operation in the 1000 – 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 fibre glass radome to protect the radiator.

## PRODUCT FEATURES:

- LHCP antenna
- High power
- Low VSWR