

High Power Circular Polarised Antenna

1000 – 1600 MHz

VERSION: 1.2

Product Code: SPRL-A0018

SPECIFICATIONS:

Electrical	
Frequency range	1000 – 1600 MHz
Gain	12 dBi typical
Beamwidth	50° (typical)
Polarisation	RHCP
Nominal impedance	50 Ω
VSWR	< 2.0:1
Power handling	50 W CW
Connector	N-type female
Mechanical:	
Dimensions (l x d)	1000 mm x \varnothing 160 mm
Total mass	< 3 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 water resistant
Exposed materials	Alodined aluminium Epoxy glass

PRODUCT OVERVIEW:

SPRL-A0018 is a high power conical spiral, right-hand circularly polarised antenna designed operation in the 1000 – 1600 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



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

cyntony
 customer attuned