High Power Circular Polarised Antenna

400 – 2500 MHz

VERSION: 1.2

Product Code: SPRL-A0020

* Bracket not included

SPECIFICATIONS:

Electrical	
Frequency range	400 – 2500 MHz
Gain	> 6 dBic typical
Beamwidth	80 – 100° (typical)
Polarisation	LHCP
Nominal impedance	50 Ω
VSWR	< 2.0:1
Power handling	200 W CW
Connector	N-type female
Mechanical:	
Dimensions (l x d)	< Ø 510 mm x 900 mm
Total mass	< 12 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	Chromated aluminium Painted ABS

PRODUCT OVERVIEW:

SPRL-A0020 is a high power, wideband conical spiral, left-hand circularly polarised antenna designed operation in the 400 – 2500 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

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