

High Power Circular Polarised Antenna

1000 – 6000 MHz

Product Code: SPRL-A0008

VERSION: 1.2

SPECIFICATIONS:



| Electrical | |
|--|--|
| 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 |
| Mechanical: | |
| Overall height: | 450 mm |
| Diameter: | 165 mm (Radome) 220 mm (Mounting flange) |
| Total mass | < 4 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 | 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

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