

High Power Circular Polarised Antenna

750 – 6000 MHz

Product Code: SPRL-A0025

VERSION: 1.1



SPECIFICATIONS:

Electrical	
Frequency range	750 – 6000 MHz
Gain	> 6 dBi typical
Beamwidth	100° (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:	±175 mm (Radome) ±220 mm (Mounting flange)
Total mass	< 2 kg
Material:	Aluminium, Stainless steel, Acetal, PTFE, Nylon, ABS, copper, brass
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

PRODUCT OVERVIEW:

SPRL-A0025 is a high-power conical spiral, left-hand circularly polarised antenna designed operation in the 750 – 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

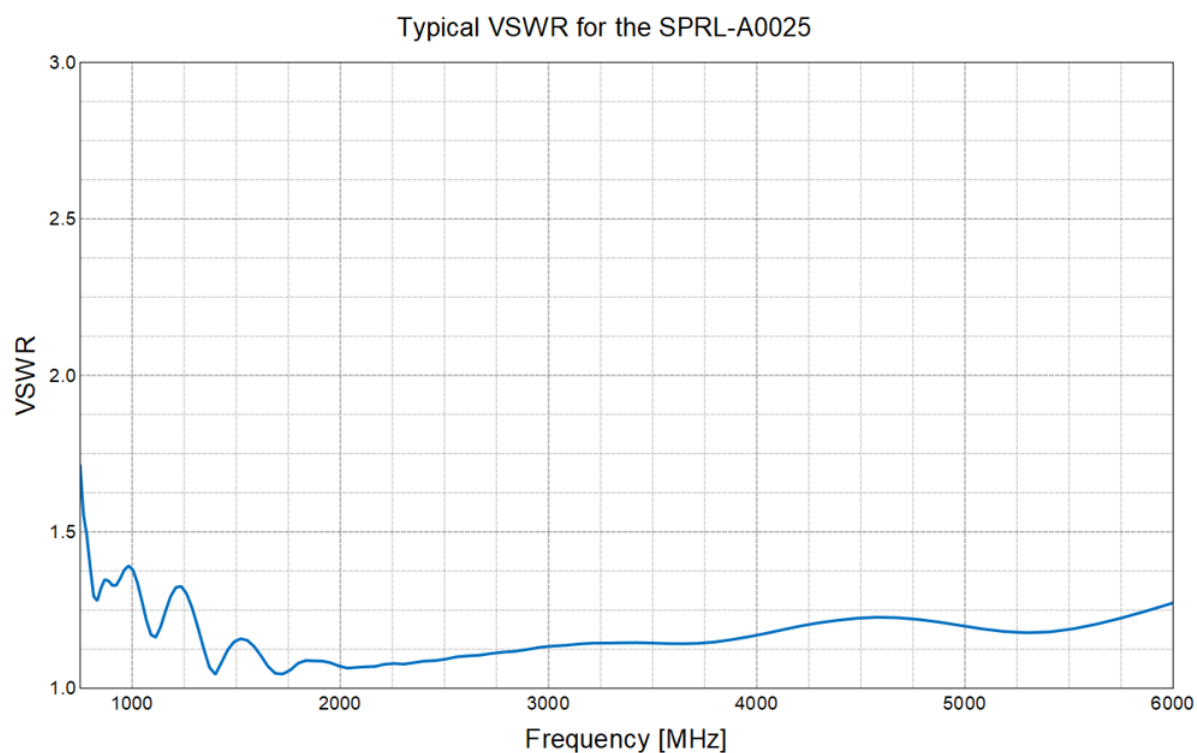
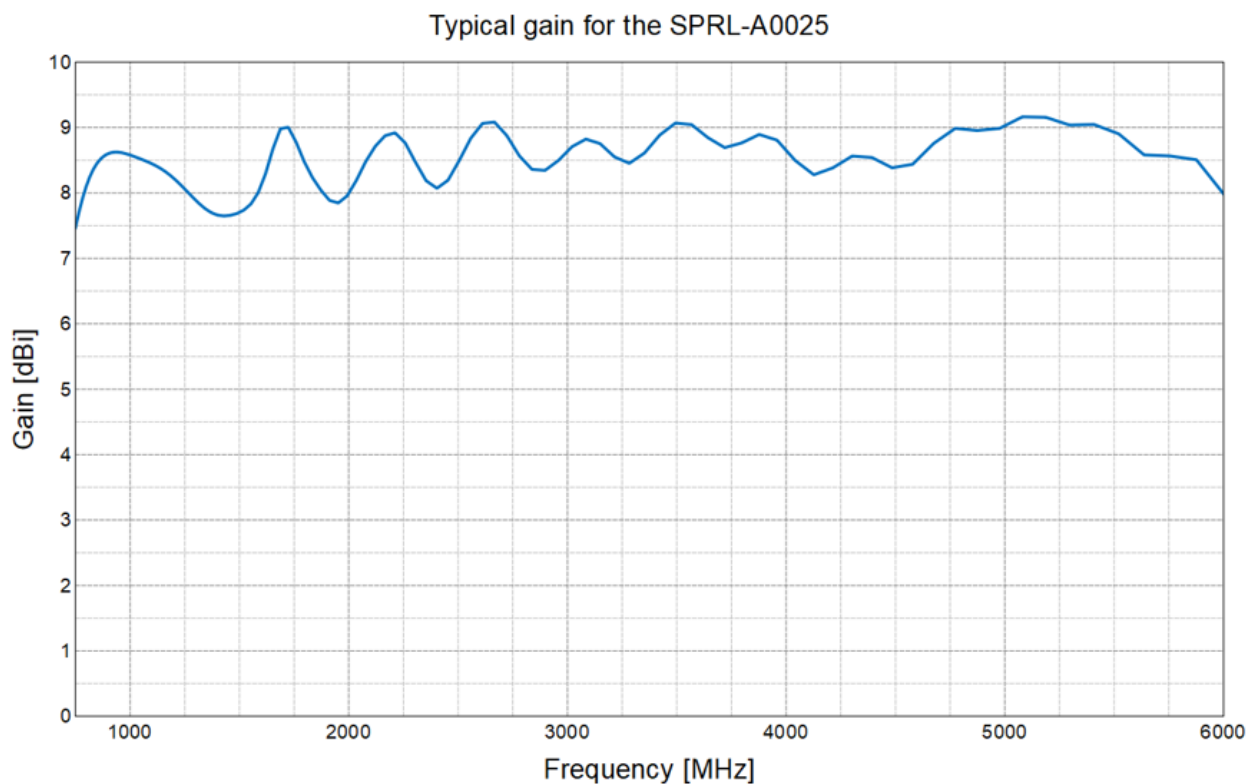
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GAIN and VSWR:



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Radiation Pattern:

