



Helical Antenna S55D101-D0

S55D101-D0 is a helical antenna designed to operate in the frequency of 1100-1700MHz with a single N connector port designed to transmit and receive the signals. The helical structure is designed to provide high performance with reduced weight. This antenna is also designed with a specification to withstand all severe environmental conditions experienced on ground platforms.

ELECTRICAL SPECIFICATION

Frequency Range	: 1100-1700MHZ
VSWR	: 2:1 Typical, 2.5:1(Max)
Polarization	: Circular (RHCP/LHCP)
Radiation Pattern	: Directional
Impedance	: 50Ω
Gain	: ≥10 dBi
Power	: 100W CW

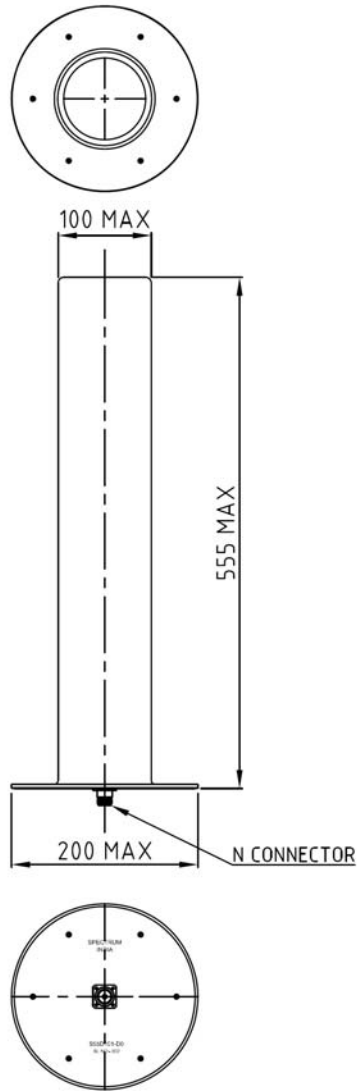


ENVIRONMENTAL SPECIFICATION

Storage Temperature	: -40°C to +80°C
Operating Temperature	: -30°C to +70°C
Wind Rating	: Upto 200Km/Hr
Generally in accordance with MIL-STD-810	

MECHANICAL SPECIFICATION

Weight	: 900 Grams (Max)
Length	: 555 mm (Max)
Colour	: Grey
Connector	: N Female Standard
Radome	: Reinforced Glass Epoxy



All dimensions are in mm.
Drawing not to scale.

Six mounting holes with $\text{Ø}5.4\text{mm}$ equi-spaced on 154mm PCD.



For installation use factory supplied drawings and instructions

Specifications are subjected to change without prior notice

Spectrum Antenna & Avionics Systems (P) Ltd, Cochin, India.

Contact for custom requirements