



V/UHF Antenna S36B201-C0

S36B201-C0 is a vertically polarized V/UHF broadband blade antenna, designed for omni-directional transmission and reception in the frequency band of 100-400 MHz.

Electrical design consists of broadband matching circuits coupled to a single co-axial connector to provide VHF and UHF electrical characteristics. Antenna circuit elements are encapsulated in a fiber glass vacuum moulded aerodynamic shell. Rugged and reliable structure of the antenna ensures all environmental and mechanical integrity to fulfill military standards, regulatory & statutory requirements. S36B201-C0 is suitable for various communication application on supersonic and subsonic aerodynes with fixed wing or rotor wing.

ELECTRICAL SPECIFICATION

Frequency Range	: 100-400 MHz
VSWR	: 3.2:1 (Max) 2.5:1 (Typical)
Pattern	: Nominally Omnidirectional in Azimuth
Impedance	: 50Ω
Polarization	: Vertical (Vertically Mounted)
RF Power	: 35W CW
Static Protection	: By DC Grounding



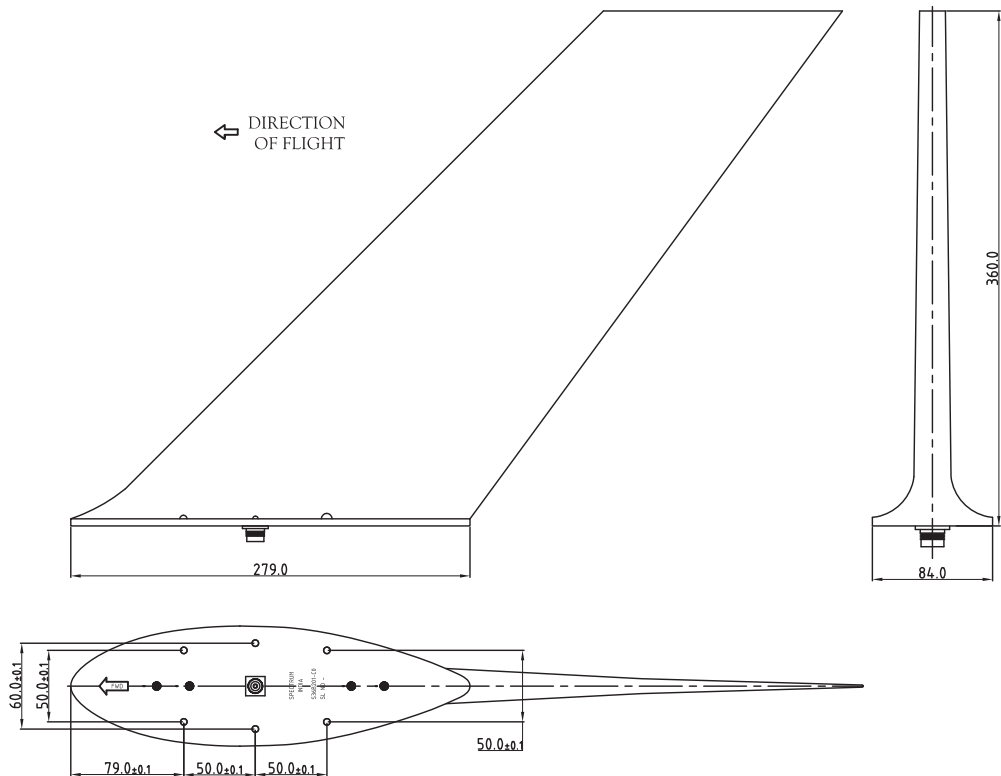
ENVIRONMENTAL SPECIFICATION

Temperature Range	: -54°C to +90°C
Altitude	: 50,000 Feet
Generally in accordance with MIL-STD-810	

MECHANICAL SPECIFICATION

Weight	: 1300 Grams (Max)
Height	: 360 mm (Max)
Colour	: Black
Finish	: Matt
Connector	: SR-50-165FV/ Equivalent
Dimension	: Refer Drawing Overleaf

DRAWING SPECIFICATION FOR V/UHF ANTENNA S36B201-C0



All dimensions are in mm

Drawing not to scale

Six fixing hole with 4.6 mm diameter

Counter-bored 13 mm



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For installation use factory supplied drawings and instructions

Specifications are subjected to change without prior notice

Contact for custom requirements

www.spectrumantennas.com