



MARKER BEACON Antenna S06B101-B6

S06B101-B6 is a horizontally polarized low profile light weight Marker Beacon antenna, designed for operating in the spot frequency of 75 MHz.

Electrical design consists of filter networks and matching circuits coupled to a single co-axial connector to provide spot frequency electrical characteristics. The antenna comprises of a fiber glass vacuum moulded aerodynamic shell in single-piece, designed for a rugged and reliable structure providing environmental and mechanical integrity to fulfill military, regulatory and statutory standards. S06B101-B6 is suitable for providing range - information for ILS applications on supersonic and subsonic aerodynes.

ELECTRICAL SPECIFICATION

Frequency Range	: 75 MHz (\pm 0.25 MHz)
VSWR	: 1.5:1
Pattern	: Partially Downward
Impedance	: 50 Ω
Polarization	: Horizontal
Static Protection	: By DC Grounding



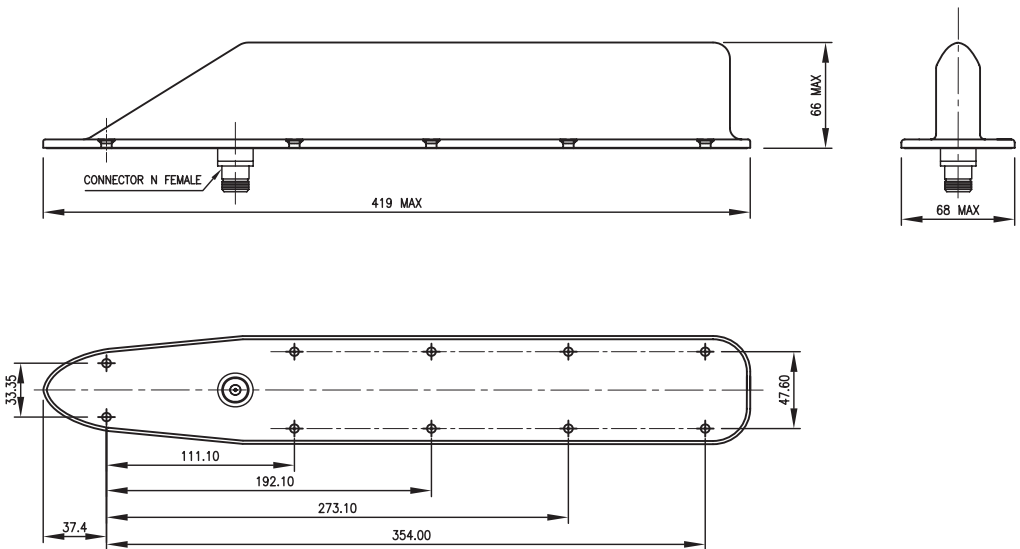
ENVIRONMENTAL SPECIFICATION

Temperature Range	: -54°C to +90°C
Altitude	: 60,000 Feet
Generally in accordance with MIL-STD-810	

MECHANICAL SPECIFICATION

Weight	: 650 Grams (Max)
Height	: 66 mm (Max)
Colour	: Black
Finish	: Matt
Connector	: N Female
Dimension	: Refer Drawing Overleaf

DRAWING SPECIFICATION FOR MARKER BEACON ANTENNA S06B101-B6



All dimensions are in mm
Drawing not to scale

Four fixing hole with 5.2 mm diameter
Counter-bored 10.0 mm



For installation use factory supplied drawings and instructions

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

Contact for custom requirements

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