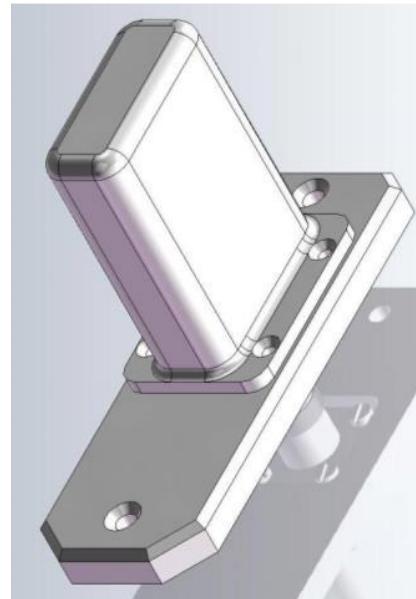


# Airborne Antenna NE0059-F-0 S+C Band Linear Horizontal



This antenna operating in C frequency band has been designed for working in horizontal polarization, for telemetry applications with special conditions of flight and high temperature.

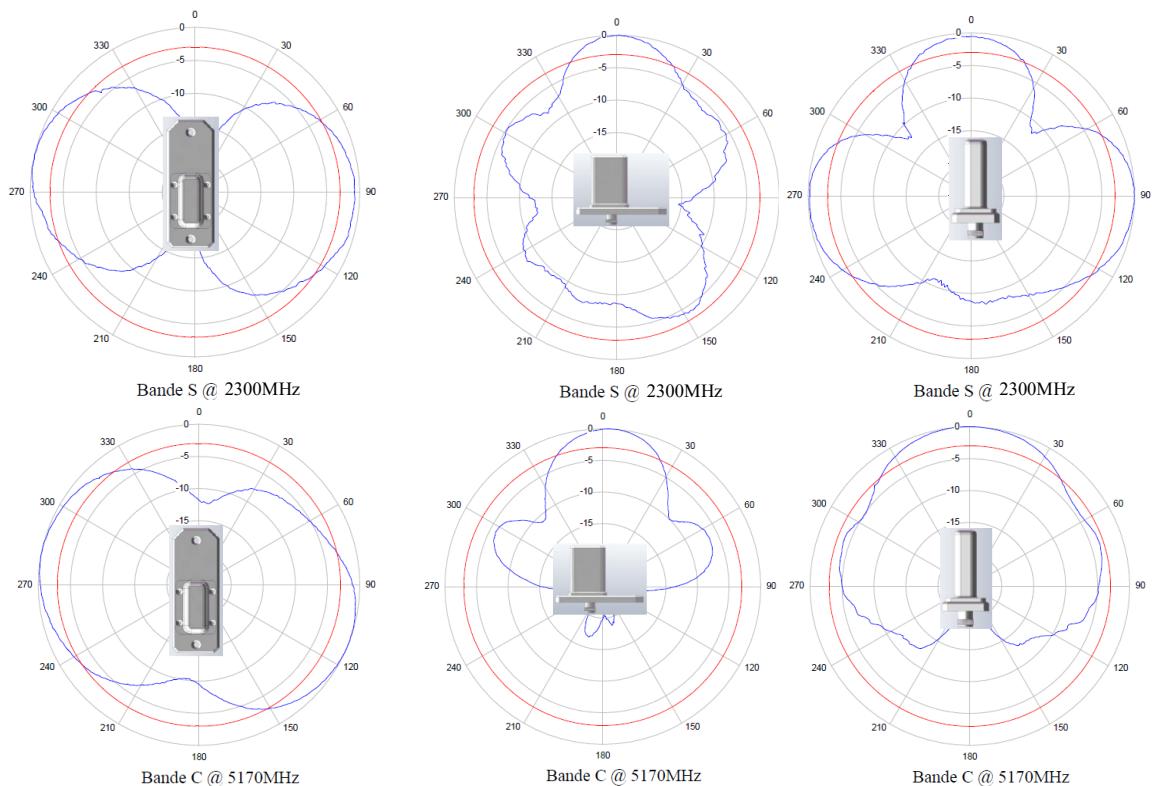
This antenna replaces the 2 blade antennas usually installed on the aircraft drift.

This antenna is in operation on board AIRBUS aircrafts.

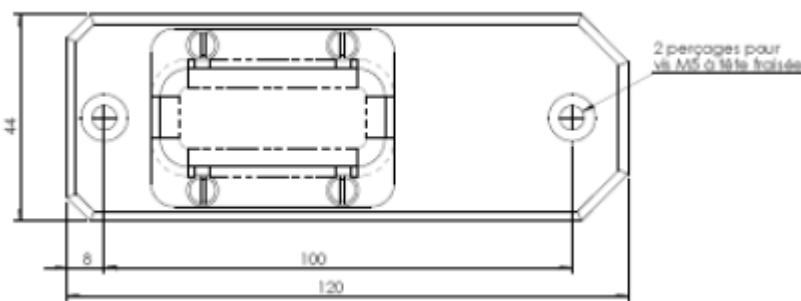
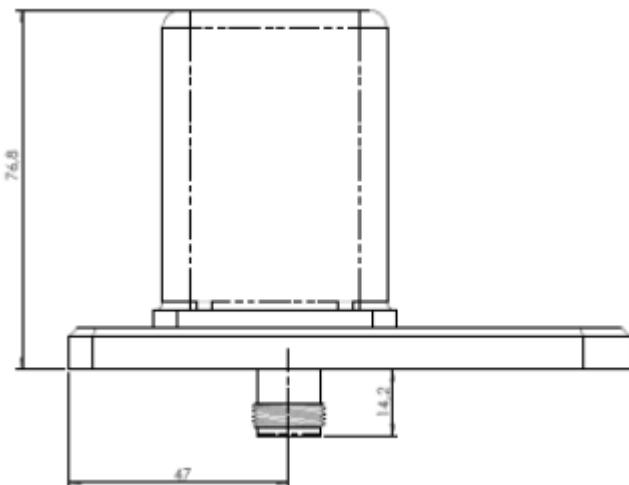
## Specifications

RF Specifications	
<b>Frequency Range</b>	2300 MHz +/- 100 MHz & 5170 MHz +/- 80 MHz
<b>Rated Power</b>	50W CW
<b>Polarization</b>	Linear horizontal
<b>Radiation Pattern</b>	Omni-directional in Elevation
<b>Impedance</b>	50 Ohms
<b>VSWR</b>	< 2:1 S Band < 1.5:1 C Band
Mechanical & Environmental Specifications	
<b>Dimensions</b>	L: 120mm, W: 44mm, H: 77mm
<b>Weight</b>	500 gr
<b>Connector</b>	N Female
<b>Temperature</b>	-55°C to +85°C
<b>Altitude</b>	0 to 50000 ft (15000 m)
<b>Lengthwise speed</b>	400 Kts

## Radiation Pattern



## Mechanical Drawing



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