

## ANTENNA Ref.: NE0059



### DESCRIPTION

This antenna operating in S 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.

### TECHNICAL CHARACTERISTICS

|                   |   |                                     |
|-------------------|---|-------------------------------------|
| Frequency Range   | : | 2300 MHz +/- 100 MHz                |
| VSWR              | : | 1.8:1                               |
| Polarization      | : | linear                              |
| Radiation pattern | : | omni-directional in Azimuth         |
| Impedance         | : | 50 Ohms                             |
| Connector.        | : | N-F                                 |
| Power Handling    | : | 50W CW                              |
| Mechanical        | : | L : 120 mm, W : 48 mm, H : 98 mm    |
| Temperature (air) | : | -55°C to +100°C                     |
| Shocks            | : | 6 g 11 ms                           |
| Altitude          | : | 0 to 55000 ft                       |
| Speed             | : | 400 Knots                           |
| Weight            | : | 350 g                               |
| Color             | : | Orange (others colors upon request) |

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