

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	:	1.5:1 typical
Polarization	:	linear (Horizontal)
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 +90°C (VSWR tested after heating the antenna at 130° C)
Shocks	:	6 g 11 ms
Altitude	:	0 to 55000 ft
Speed	:	0.897 Mach (about 1100 Km/h)
Weight	:	350 g
Color	:	Orange (others colors upon request)

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