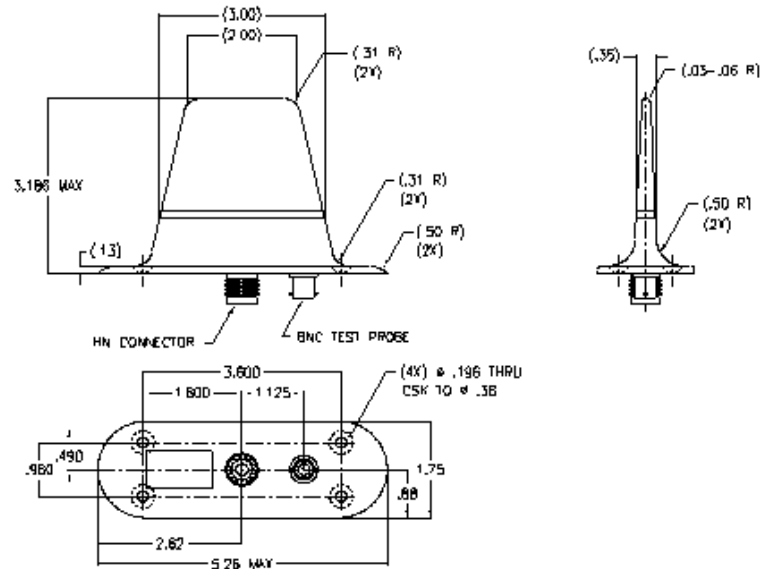


L10-737

L-Band Blade Antenna



Specifications

Electrical

Frequency	960-1220 MHz
VSWR	1.7:1 at 960-1220 MHz 1.5:1 at 1000-1100 MHz
Polarization	Vertical
Radiation Pattern	Omnidirectional
Impedance	50 Ohms
Power	10 kW Peak

Mechanical

Weight	0.4 lbs. (0.18 kg)
Height	3.2 in. (81.3 mm)
Material	Cast Aluminum*
Finish	Flat Black*
Connector	HN BNC (sampling probe)

Environmental

Speed Rating	Mach 1.0+
Temperature	-55 °C to +70 °C

Federal Specifications

Approvals	TSO-C66c TSO-C74c
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L10-737 L-Band Blade Antenna

The L10-737 is a low-profile, metal blade antenna. It incorporates a BNC sampling probe that is intended to verify the power output of the transmitter. All materials used are corrosion resistant. Its low-profile design dramatically minimizes drag.

Applications

Antenna designed to withstand the harsh environmental conditions of supersonic flight.