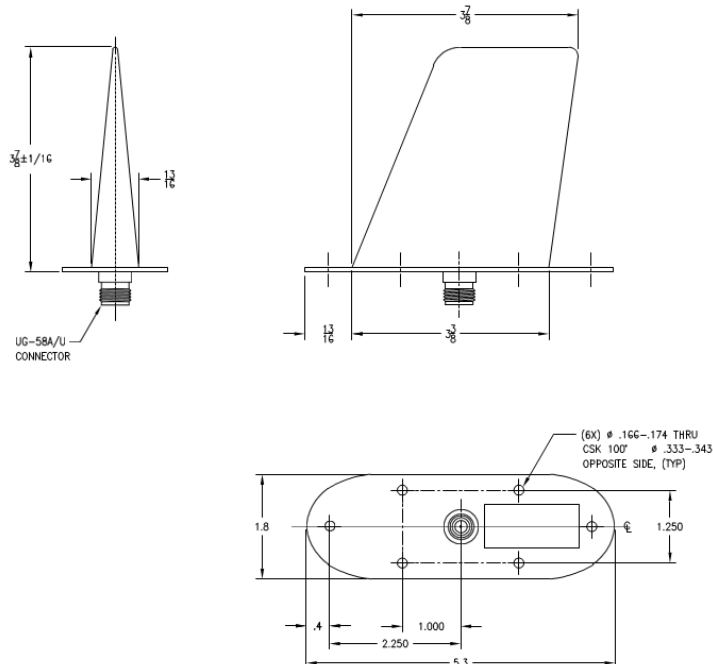


L10-16-()

L-Band Blade Antenna



Excellence in Aerospace since 1943



Specifications

Electrical

Frequency	See Table
VSWR	See Table
Polarization	Vertical
Gain (dB)	960 MHz 7.0 1050 MHz 5.5 1220 MHz 4.0
Radiation Pattern	Omnidirectional
Impedance	50 Ohms
Power	100 watts avg

Mechanical

Weight	See Table
Height	See Table
Material	Fiberglass Shell Aluminum Base
Finish	See Table
Connector	See Table

Environmental

Speed Rating	600 knots
Temperature	-62 °C to +71 °C
Vibration	Sine: 5 g _{PK}
Shock	6 g _{PK} , 11 msec

Federal Specifications

Approvals	FAA TSO-C66a CAA
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L10-16-() L-Band Blade Antenna

The L10-16-() antenna is vertically polarized and designed to operate over the frequency range of 925 to 1215 MHz. It is constructed of fiberglass and epoxy materials. The internal structure is foamed in place in order to avoid problems that may arise due to aircraft shock and vibration.

Series

DG PN	Connector Type	Frequency	Height In (mm)	Weight lbs. (kg)	Finish	VSWR
L10-16	N	925-1215 MHz	4.0 (101.6)	0.5 (0.23)	White Polyurethane	1.5:1
L10-16-1	Right Angle TNC	925-1215 MHz	4.0 (101.6)	0.5 (0.23)	White Polyurethane	1.5:1
L10-16-2	N	1.52-1.56 GHz	2.5 (63.5)	0.25 (0.11)	White Polyurethane	2.0:1
L10-16-3	N	925-1215 MHz	4.0 (101.6)	0.5 (0.23)	Flat Black	1.5:1