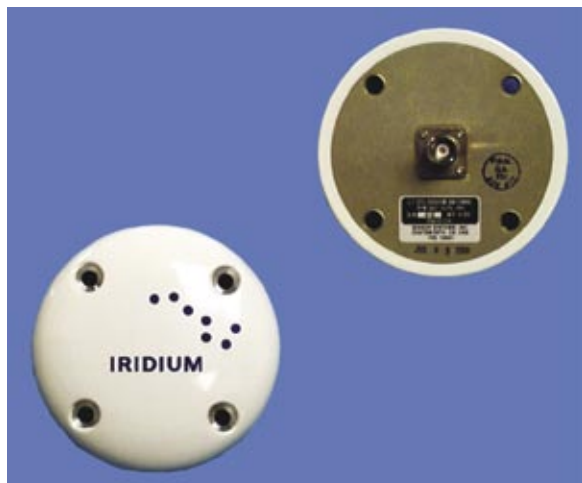


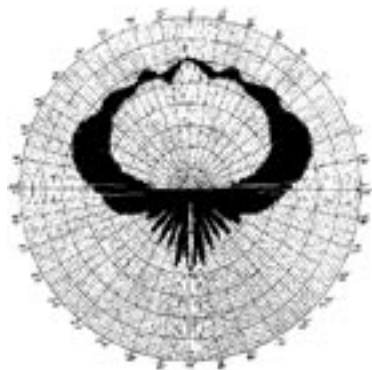
Iridium / GPS S67-1575-109



DESCRIPTION

S67-1575-109: Low profile Iridium/GPS antenna provides continuous coverage from 1565MHz to 1626.5 MHz for excellent Iridium operation as well as GPS L1 applications. Mechanical configuration is a spherical-radius molded radome which provides enhanced protection against rain, ice, and lightning strikes. Qualified for high-speed military aircraft as well as ARINC applications.

FEDERA; & MILITARY SPECS: DO-160, MIL-C-5541, MIL-E-5400, MIL-STD-810, TSO-C129.



RADIATION PATTERN

1565 - 1626.5 MHz

SPECIFICATIONS

IRIDIUM/GPS

S67-1575-109

ELECTRICAL

Frequency

GPS.....1575 +/-10MHz

Iridium1616 -1626.5 MHz

VSWR1.5:1

Polarization.....RHCP

Impedance50 ohms

Power Handling60 watts CW

Gain+3 dBic @ Zenith

Lightning Protection...DC grounded

MECHANICAL

Weight6 oz.

Height66 in.

Diameter.....3.5 in.

Material.....6061-T6 aluminum / thermoset plastic

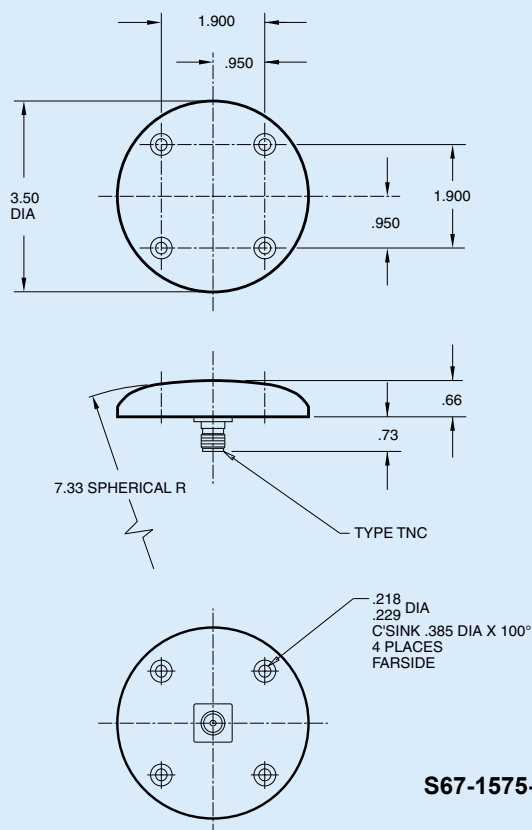
Finish.....Skydrol resistant enamel

ConnectorTNC Female

ENVIRONMENTAL

Temperature.....-67° F to +185° F

OUTLINE DRAWING



S67-1575-109