

Description:

S65-5366-446: This antenna design features a helical antenna and a passive L1 GPS patch, enclosed in an Ultem radome, with one TNC and one SMA port connector.

This helical antenna was designed to interface with the Iridium Certus® 100 voice and data receiver.

When paired with a Iridium Certus® 100, the **S65-5366-446** antenna has the capability of making audio and video transmissions 35 times faster than other receivers.

Federal & Military Certifications: RTCA/DO-160G, RTCA/DO-262F, TSO 159e

Iridium Certus® 100 COMPATIBLE EQUIPMENT

Environmental

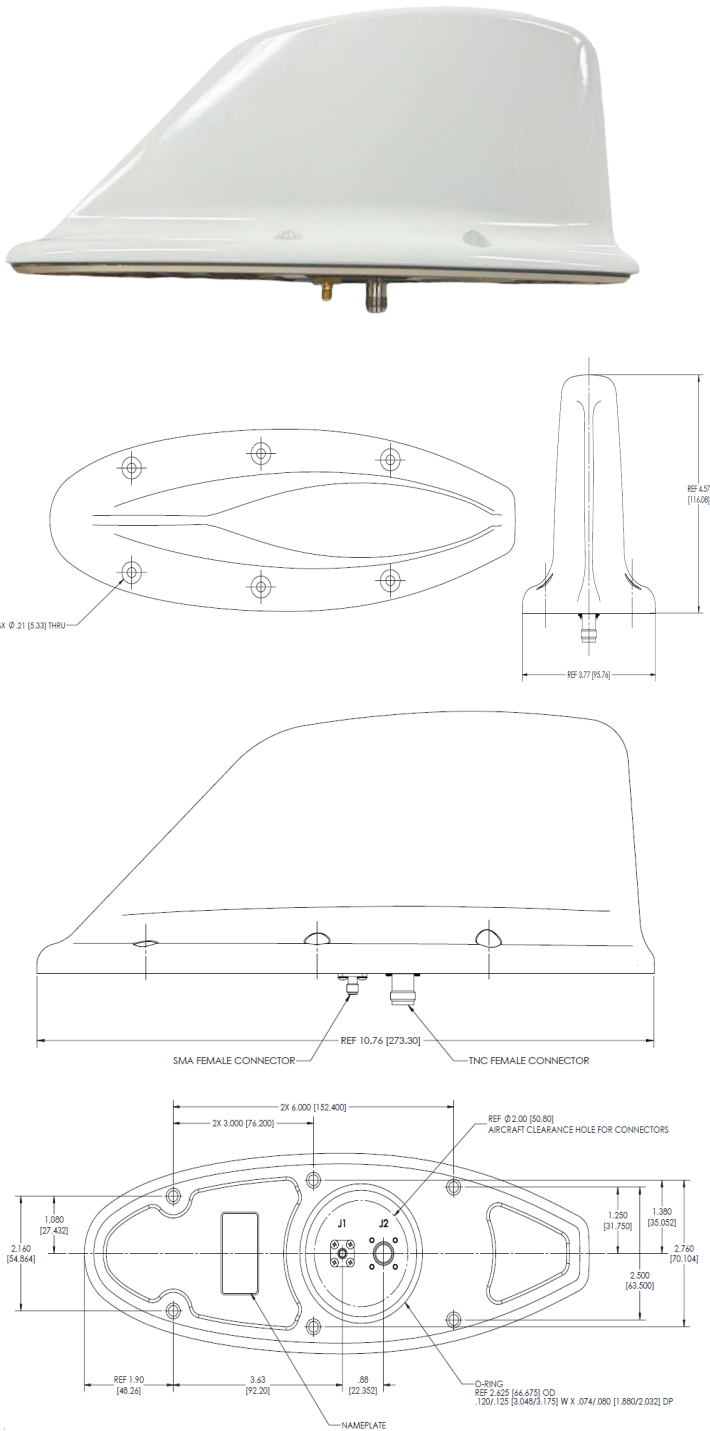
Specifications	J1 GPS	J2 Iridium
Frequency	1575.42 ± 3 MHz	1616.0 - 1626.5 MHz
VSWR	≤ 2.0:1	≤ 1.8:1
Impedance	50 Ω	
Polarization	RHCP	
Gain	+1dBc typ.	
Axial Ratio	+3dB max at zenith	
Power Handling	+10W typ.	

Mechanical

Weight	1.5 lbs.
Height	4.57 in.
Length	10.76 in.
Width	3.77 in
Material	6061-T6 Aluminum Alloy / Thermoset Plastic
Finish	Gloss White
Connector	J1: Type "SMA" Female J2: Type "TNC" Female

Environmental

Temperature	-55°C (-65°F) to +70°C (+158°F)
Altitude	55,000 ft.



Please Note: For REFERENCE ONLY
Contact Sensor Systems for latest drawing



A HEICO COMPANY



Website: www.sensorantennas.com



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