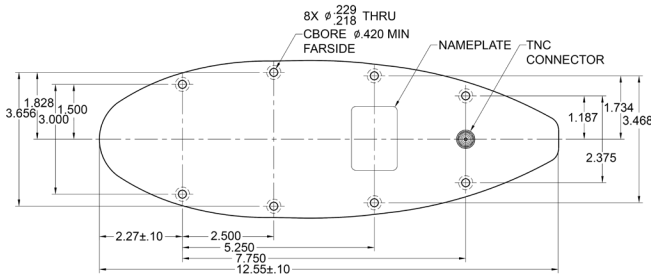
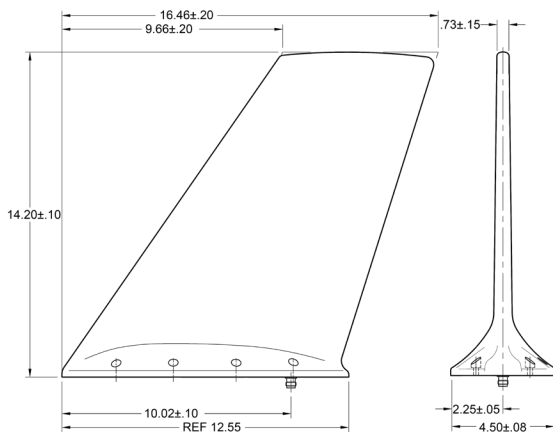


Phase Matched VHF/UHF **S65-8282-796**



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

Description

This is a high speed, low drag, multifunction antenna. The broadband operational frequency enables use with VHF/UHF systems.

The **S65-8282-796** antenna is a replacement for the Sensor Systems legacy antennas: S65-8282-78, S65-8282-781 and the S65-8282-98; with phase matching for DF Systems, $\pm 3^\circ$ max at 20-150 MHz and $\pm 4^\circ$ max at 150-512 MHz.

The **S65-8282-796** antenna replaces the S65-8282-78, -98, -788 and -296 antennas.

Federal & Military Certifications:

DO-160G and MIL-HDBK-5400.

Specifications

Electrical

Frequency	20-512 MHz
VSWR	20-150 MHz: $\leq 5.0:1$ 150-512 MHz: $\leq 3.0:1$
Polarization	Vertical
Pattern	Omnidirectional in Azimuth Cosinusoidal in Elevation
Impedance	50 Ω
Power	40 Watts
Phase Tracking (Swept)	20-150 MHz: $\pm 3^\circ$ Max. 150-512 MHz: $\pm 4^\circ$ Max.

Mechanical

Weight	3.2 lbs.
Height	14.20 in.
Length	12.55 in.
Width	4.50 in.
Material	6061-T6 Aluminum Alloy Base / Fiberglass
Finish	Skydrol Resistant Polyurethane Enamel
Connector	TNC Female

Environmental

Temperature (Operating)	-55°C (-67°F) to +85°C (+185°F)
Altitude	70,000 ft.



A HEICO COMPANY

Website: www.sensorantennas.com

Phone: 818-341-5366