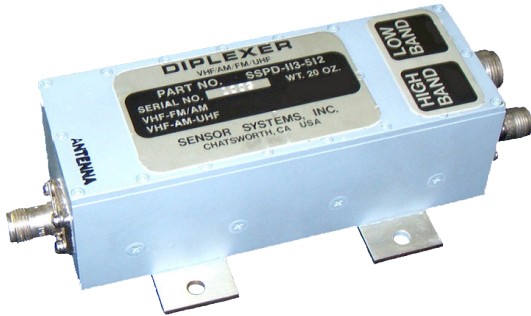


VHF/AM-FM/UHF Diplexer SSPD-113-512



Description

This dual-band L1/L2 passive GPS antenna was designed with a VSWR of 2.0:1. The spherical radius molded radome provides enhanced protection against rain, ice and lightning strikes.

The **S67-1575-714** antenna is qualified for high speed military aircraft and dual frequency surveying applications. The dual-band GPS antenna is capable of receiving the M-code, C/A and Y legacy codes.

Federal & Military Certifications:

MIL-E-5400.

Specifications

Electrical

Frequency	VHF/ AM-FM: 30-174 MHz UHF: 225-512 MHz
VSWR	≤1.7:1
Power	100 Watts AVG 400 Watts Peak
Isolation	30 dB Min.
Insertion Loss	30-150 MHz: 0.5 dB 150-174 MHz: 1.0 dB 225-255 MHz: 1.0 dB 255-512 MHz: 0.5 dB

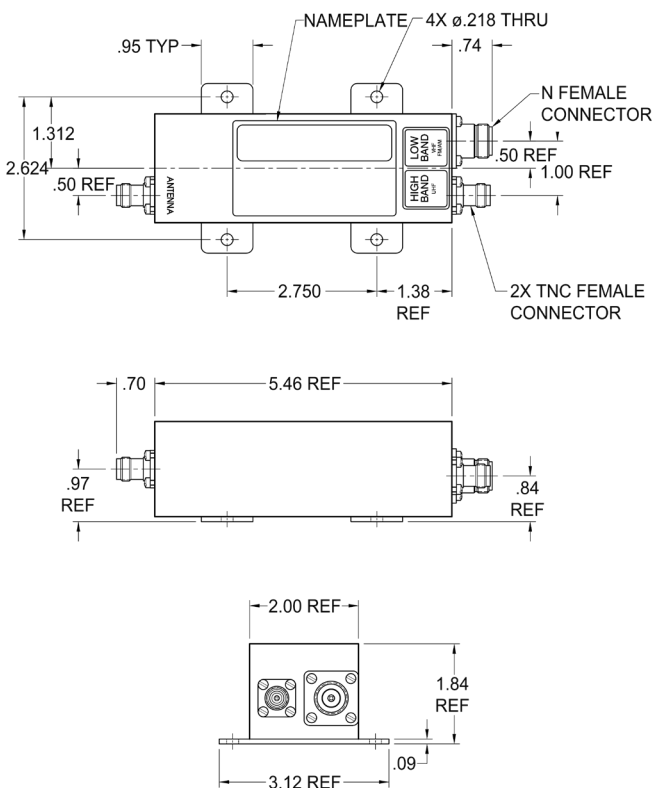
EMI MIL-I-6181

Mechanical

Weight	20 oz.
Height	.60 in.
Diameter	3.50 in.
Material	6061-T6 Aluminum Alloy
Finish	Skydrol Resistant Epoxy Enamel
Connector	VHF/AM-FM: N Female (Low Band) UHF: TNC Female (High Band) Antenna: TNC Female

Environmental

Temperature (Operating)	-54°C (-65°F) to +71°C (+160°F)
Altitude	60,000 ft.



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



A HEICO COMPANY

Website: www.sensorantennas.com

Phone: 818-341-5366