

# VOR S65-247-33

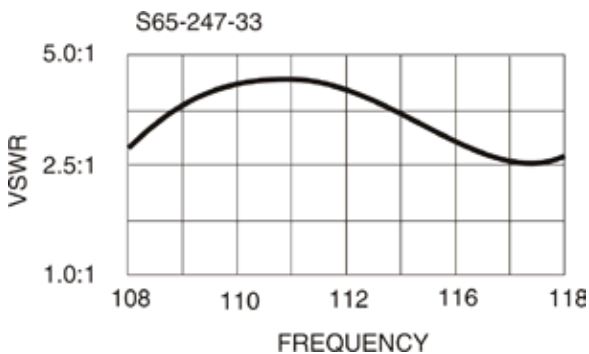


## DESCRIPTION

**S65-247-33:** Dual VOR provides optimum impedance match over the band width, while maintaining omnidirectional radiation patterns. A matching balun is internally incorporated. Currently used for tail-fin installations in EMB-170 and EMB-190 Aircraft.

**FEDERAL & MILITARY SPECS:** RTCA/DO-160, FAA TSO's C36e and C40c.

## PERFORMANCE



## SPECIFICATIONS

**VOR**  
**S65-247-33**

### ELECTRICAL

**Frequency** ..... 108-118 MHz  
**VSWR** ..... 5.0:1  
**Pattern** ..... Omni/Az  
**Polarization** ..... Linear (horizontal)  
**Impedance** ..... 50 ohms  
**Power** ..... Receive

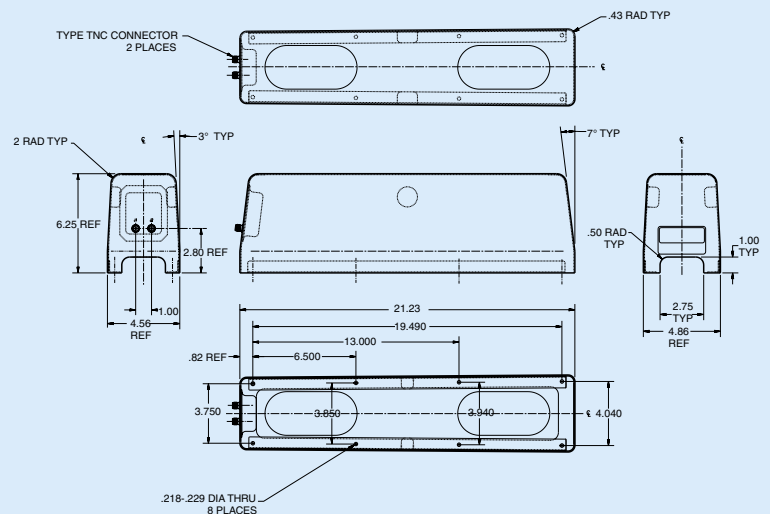
### MECHANICAL

**Weight** ..... 3.0 lbs.  
**Height** ..... 6.25 in.  
**Length** ..... 21.23 in.  
**Width** ..... 4.86 in.  
**Material** ..... Aluminum and Epoxy Fiberglass  
**Finish** ..... Primer  
**Connector** ..... TNC, 2 Plcs

### ENVIRONMENTAL

**Temperature** ..... -65°F to +185°F  
**Vibration** ..... 10 G's  
**Shock** ..... 20 G's  
**Altitude** ..... 60,000 ft.

## OUTLINE DRAWING



**S65-247-33**