

VOR S65-247-10

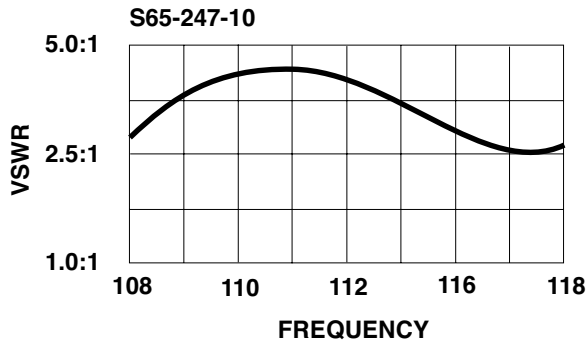


DESCRIPTION

S65-247-10: Electrical design is based on a modified Alford loop. Provides optimum impedance match over the band width, while maintaining omnidirectional radiation patterns. Rugged construction is providing an unparalleled reliability record for the B-747. A cast aluminum base allows for easy mounting. Honeycomb epoxy construction supports radiation elements. A matching balun is internally incorporated. Ideal for tail-fin installations in large aircraft. Certified for Category III performance.

FEDERAL & MILITARY SPECS: FAA PMA, ARINC 547, MIL-STD-810, BAC 60B-00008, BAC D6-13014, MIL-E-5400, MIL-E-5272.

PERFORMANCE



SPECIFICATIONS

VOR
S65-247-10

ELECTRICAL

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

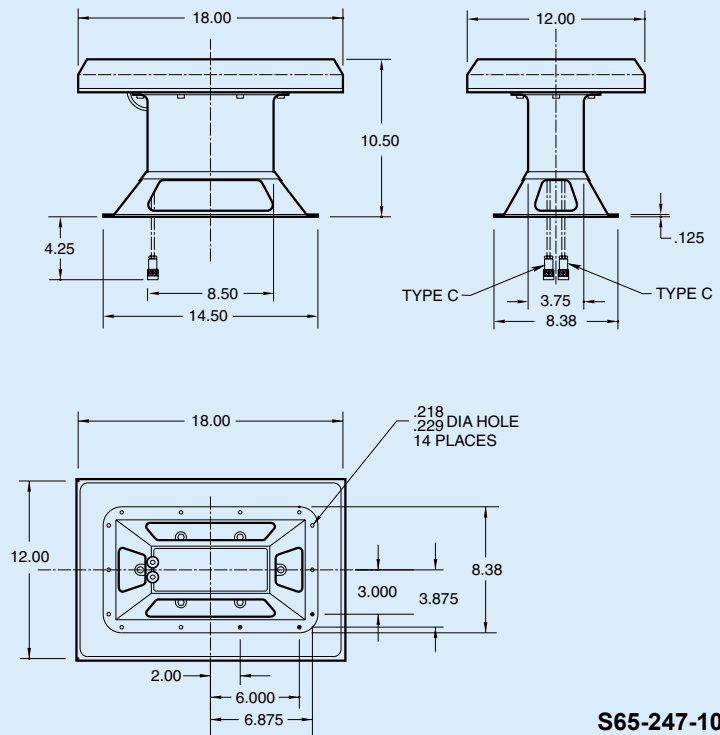
MECHANICAL

Weight 5.2 lbs.
Height 10.50 in.
Material A356-T61 aluminum / glass
Finish Green primer (BMS 10-11)-skydrol resistant
Connector C

ENVIRONMENTAL

Temperature -65°F to +185°F
Vibration 14 G's
Altitude 70,000 ft.

OUTLINE DRAWING



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