

# Model 245, 246

Speaker/Isolation Amplifier

2009 Data Sheet

# COBHAM

The most important thing we build is trust

## Model 245 Speaker Amplifier:

The Model 245 Speaker Amplifier is designed to be form, fit, and function interchangeable with Collins Model 356F-3 speaker amplifier. With higher power output at lower distortion than the 356-F3, the Model 245 is an excellent choice for cabin or cockpit applications either as a replacement of an existing Collins unit or for new installations.

Suitable for cabin paging, cockpit speaker or music applications, the Model 245 is high output and high performance in a small package.



## Model 246 Isolation Amplifier:

The Model 246 Isolation Amplifier is designed to be form, fit, and function interchangeable with Collins Model 356C-4 isolation amplifier. Suitable for driving a 5-Watt speaker or for other 150 to 600 ohm loads such as headphones, the Model 246 is an excellent choice for cabin or cockpit applications.

The Model 246 has an installer selectable (jumper) mic bias of 30mA @ 15 volts and is ideal for replacement of an existing Collins unit or in systems where additional amplification is required.



## Features:

- Accept differential & single ended inputs
- Over-temp & over-current protection
- Input impedance - 600 ohms
- Certified to TSO-C50c
- Improved immunity to electrical interference
- Low output distortion <1%

| Mechanical: | 245             | 246             |
|-------------|-----------------|-----------------|
| Weight      | 0.4 lbs. (max.) | 0.4 lbs. (max.) |
| Height      | 2.2"            | 1.5"            |
| Width       | 3.6"            | 2.8"            |
| Depth       | 3.9"            | 2.8"            |

(both excluding mating connectors)

## Compliance:

DO-214, D0-160C, TSO-C50c  
Env. Cat.: [A2F2]-BA(CL)XXXXXXZ(BZ)AAATZ(XXC2)XX

For technical specifications, see Install & Ops manuals on website.

For further information please contact:

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