



# JUPITER AVIONICS

C O R P O R A T I O N

## JA41-003

## High Power Audio Isolation Transformer

### Data Sheet



### Description

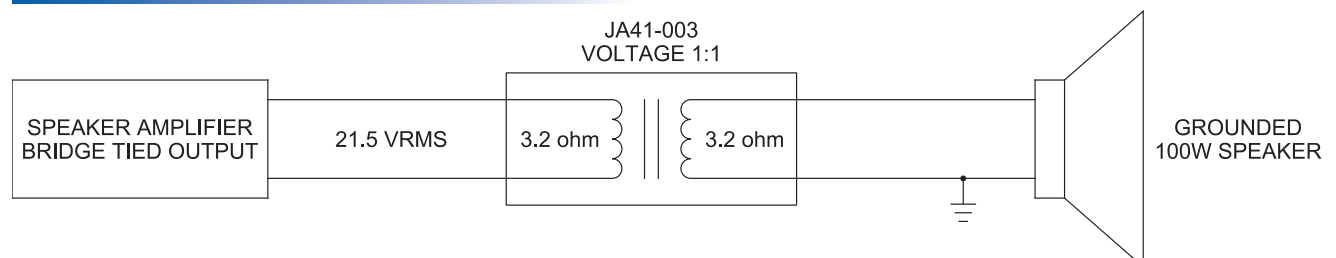
The JA41-003 High Power Audio Isolation Transformer provides one speaker audio channel with galvanic isolation for use between bridged output speaker amplifiers and grounded speakers in the aircraft.

Input to output signal voltages are 1:1 ratio.

### Features

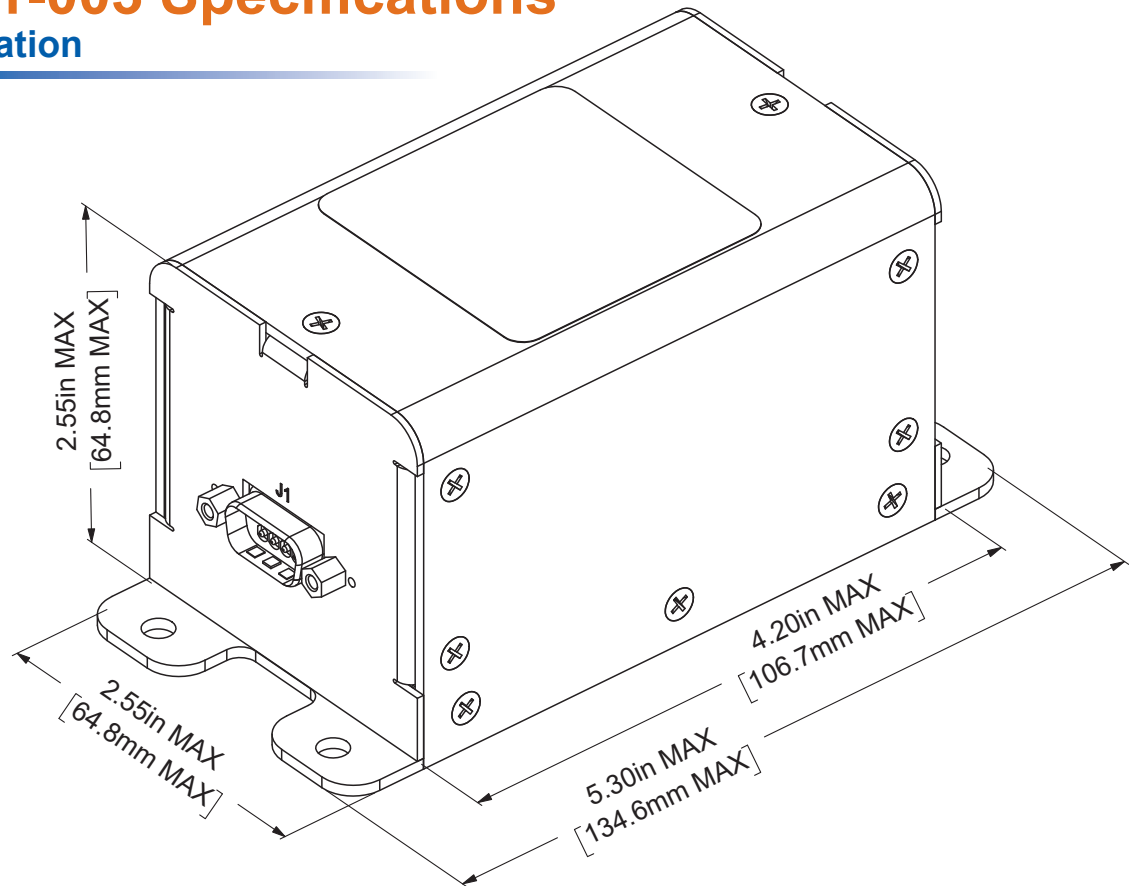
- 100 Watt power handling capacity
- Insertion Loss of less than 2 dB
- Can interface with speaker networks as low as 3.2 Ohms
- Wide Frequency Response  $\leq 3$  dB from 150 Hz to 10 kHz

### Typical Application



# JA41-003 Specifications

## Installation



Weight: 1.95 lbs [0.88 kg] MAX.

## Environment and Performance

Power Handling	100 Wrms
Operating Temperature	-45 °C to +70 °C
Survival Temperature	-55 °C to +85 °C
Altitude	55,000 ft. max
Shock, Crash Safety	6g, 20g for 11ms
TSO Compliance	Contact JAC for TSO status
Installation Kit	INST-41003