

The 5FUA is a powerful 5" Oaktron voice speaker designed for aircraft cockpit communication systems in need of a 4 ohm audio solution. A smooth yet strong response, high sensitivity, and compact design make this model a great driver for compact enclosures in need of powerful and reliable sound.

- Voice range speaker
- 5" (127 mm) steel basket diameter
- 18 watts, 4 ohm, 94 dB SPL
- 0.75" copper voice coil, aluminum former
- Ferrite magnet, paper cone



## **Primary Specifications**

| Size, Nominal (inch & mm)            | 5" (127 mm)  |
|--------------------------------------|--------------|
| Rated Impedance ( $\Omega$ )         | 4            |
| Sensitivity (dB SPL) <sup>1</sup>    | 94           |
| Frequency Range (Hz)                 | 180 - 6, 000 |
| Resonant Frequency (Fs) (Hz) +/- 15% | 230          |



## **More Specifications**

| Application                     | Aerospace, Voice Communications |
|---------------------------------|---------------------------------|
| RoHS Compliant                  | No                              |
| DC Resistance (Re) ( $\Omega$ ) | 3.6                             |
| Program Power (W)               | 36                              |

## **Small Signal Parameters**

| Nominal Impedance (Z) ( $\Omega$ )   | 4   |
|--------------------------------------|-----|
| DC Resistance (Re) ( $\Omega$ )      | 3.6 |
| Resonant Frequency (Fs) (Hz) +/- 15% | 230 |

## **Material Descriptions**

| Basket Type                | Steel     |
|----------------------------|-----------|
| Terminal Size (mm)         | 4.8 x 0.5 |
| Voice Coil Diameter (mm)   | 19        |
| Voice Coil Wire Material   | Copper    |
| Voice Coil Former Material | Aluminum  |
| Magnet Material            | Ferrite   |
| Magnet Weight (g)          | 154       |
| Cone Body Material         | Paper     |
| Cone Surround Material     | Paper     |
| Dust Cap Material          | Felt      |
| Net Weight (kg)            | 0.47      |





