# 2.5 INCH (66 MM) 8 OHM, WIDE RANGE SPEAKER

PART #: DC22S

A wide range OEM speaker that fits a variety of utility applications, including military defense systems, embedded digital signage, and aerospace audio. This 2.5" driver includes a robust steel frame treated with zinc-plating for increased corrosion resistance, a 2.35 Oz ferrite magnet, a 0.7" copper voice coil, and a paper composite cone for long-lasting, natural sounding audio.

- Wide range speaker
- 2.5" (66 mm) steel basket diameter
- 4 watts, 8 ohm, 89 dB SPL
- 0.7" copper voice coil, aluminum former
- 2.35 Oz ferrite magnet, paper composite cone



**Primary Specifications**

| | |
|---|---|
| **Size, Nominal (inch & mm)** | 2" (50 mm) |
| **Rated Impedance (Ω)** | 8 |
| **Sensitivity (dB SPL) [1]** | 89 |
| **Frequency Range (Hz)** | 260 - 8, 000 |
| **Resonant Frequency (Fs) (Hz) +/- 15%** | 400 |


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## More Specifications

| | |
|---|---|
| **Application** | Drive-Thru / Kiosk, Military, Voice Communications |
| **DC Resistance (Re) (Ω)** | 6.3 |
| **Program Power (W)** | 8 |

## Small Signal Parameters

| | |
|---|---|
| **Nominal Impedance (Z) (Ω)** | 4 |
| **DC Resistance (Re) (Ω)** | 6.3 |
| **Resonant Frequency (Fs) (Hz) +/- 15%** | 400 |

## Material Descriptions

| | |
|---|---|
| **Basket Type** | Stamped steel |
| **Terminal Size (mm)** | 4.8 x 0.5 |
| **Voice Coil Diameter (mm)** | 17.8 |
| **Voice Coil Wire Material** | Copper |
| **Voice Coil Former Material** | Aluminum |
| **Magnet Material** | Ferrite |
| **Magnet Weight (g)** | 68 |
| **Cone Body Material** | Paper composite |
| **Cone Surround Material** | Paper composite |
| **Dust Cap Material** | Paper |
| **Net Weight (kg)** | 0.21 |








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