6 INCH (156 MM) 4 OHM, FLAME RETARDANT VOICE AND PAGING SPEAKER

PART #: FC6S-4FR-I

The FC6S-4FR-I is a 6" voice and paging speaker designed for aircraft and avionic applicaitons. This high-sensitivity driver weilds a high-power ferrite magnet, a cone and surround treated to be flame retardant, and rests in a rugged steel frame--ideal for sound systems in aircraft cabins.

- Voice range speaker
- 6" (156 mm) steel basket diameter
- 12 watts, 4 ohm, 93 dB SPL
- 0.75" copper voice coil, aluminum former
- Ferrite magnet, flame retardant cone & surround



Primary Specifications

Size, Nominal (inch & mm)	6" (152 mm)
Rated Impedance (Ω)	4
Sensitivity (dB SPL) [1]	93
Frequency Range (Hz)	60 - 12, 000
Resonant Frequency (Fs) (Hz) +/- 15%	110

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More Specifications

Application	Aerospace, Indoor, Voice Communications
RoHS Compliant	No
DC Resistance (Re) (Ω)	3.2
Program Power (W)	24

Small Signal Parameters

DC Resistance (Re) (Ω)	3.2
Resonant Frequency (Fs) (Hz) +/- 15%	110

Material Descriptions

Basket Type	Stamped steel
Terminal Size (mm)	4.8 x 0.5
Voice Coil Diameter (mm)	20.2
Voice Coil Wire Material	Copper
Voice Coil Former Material	Aluminum
Magnet Material	Ferrite
Magnet Weight (g)	136.08
Cone Body Material	Fire retardant paper
Cone Surround Material	Fire retardant paper
Spider Material	Fire retardant cotton
Dust Cap Material	Fire retardant paper
Net Weight (kg)	0.51



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