6 INCH X 9 INCH (156 MM X 229 MM), 4 OHM FULL RANGE SPEAKER

PART #: JN69C-4A

A compact 6 x 9” full range speaker with a small, but powerful lightweight neodymium magnet for space-conscious applications, including vintage automobiles, line arrays, and voice communication. A set of quick connect terminals allow for easy installation.

- Full range speaker
- 6 x 9" steel basket diameter
- 20 watts, 4 ohm, 92 dB SPL
- 1" aluminum voice coil, aluminum former
- Vented neodymium magnet
- Paper cone, cloth surround

MISCO engineers test and analyze the performance of these speakers using the world's most sophisticated loudspeaker measurement systems including the Klippel Analyzer and the Klippel QC, which confirm the final design.



Primary Specifications

Size, Nominal (inch & mm)	6" Oval (152 mm)
Rated Impedance (Ω)	4
Sensitivity (dB SPL) [1]	92
Frequency Range (Hz)	20 - 20, 000
Resonant Frequency (Fs) (Hz) +/- 15%	52

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More Specifications

Application	Auto / Motorcycle
RoHS Compliant	No
DC Resistance (Re) (Ω)	3.3
Program Power (W)	40

Small Signal Parameters

Nominal Impedance (Z) (Ω)	4
DC Resistance (Re) (Ω)	3.3
Voice Coil Inductance (Le) (mH)	0.1
Resonant Frequency (Fs) (Hz) +/- 15%	52
Mechanical Q Factor (Qms)	3.8
Electrical Q Factor (Qes)	1.1
Total Q Factor (Qts)	0.84

Material Descriptions

Basket Type	Stamped steel
Terminal Size (mm)	6.4 x 0.8
Voice Coil Diameter (mm)	25.4
Voice Coil Wire Material	Aluminum
Voice Coil Former Material	Aluminum
Magnet Material	Neodymium
Magnet Weight (g)	27.8
Cone Body Material	Paper
Cone Surround Material	Treated cloth
Dust Cap Material	Paper
Net Weight (kg)	0.3



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