MISCO OEM

2.5 INCH FULL RANGE SPEAKER
PART #: 93144

This 2.5” full range speaker excels in tight spaces due to its small, square stamped steel basket, making it the ideal choice for narrow column speakers, sound bars, and compact satellite enclosures. Designed specifically to deliver exceptional clarity in casino gaming cabinets, the 70289 offers a wide frequency range of 200Hz to 20kHz, and an exceptionally high sensitivity for its size at 88.5 dB.



Primary Specifications

Size, Nominal (inch & mm)	2.5" (66 mm)
Rated Impedance (Ω)	4
Sensitivity (dB SPL) [1]	88.5
Frequency Range (Hz)	200 - 20k
Resonant Frequency (Fs) (Hz) +/- 15%	234

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More Specifications

Application	Arcade Gaming, Casino Gaming, Commercial, Indoor, Signal / Alarm Systems, Voice Communications
RoHS Compliant	Yes
DC Resistance (Re) (Ω)	3.33
Program Power (W)	6

Small Signal Parameters

Nominal Impedance (Z) (Ω)	4
DC Resistance (Re) (Ω)	3.33
Voice Coil Inductance (Le) (mH)	0.065
Resonant Frequency (Fs) (Hz) +/- 15%	234
Mechanical Q Factor (Qms)	6.24
Electrical Q Factor (Qes)	0.891
Total Q Factor (Qts)	0.78

Material Descriptions

Basket Type	Stamped Steel
Voice Coil Wire Material	Copper
Magnet Material	Ferrite
Magnet Weight (g)	120.769
Cone Body Material	Paper & Cloth
Cone Surround Material	Cloth



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