

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

<b>Size, Nominal (inch &amp; mm)</b>	2.5" (66 mm)
<b>Rated Impedance (<math>\Omega</math>)</b>	8
<b>Sensitivity (dB SPL) <sup>1</sup></b>	88.5
<b>Frequency Range (Hz)</b>	200 - 20k
<b>Resonant Frequency (Fs) (Hz) +/- 15%</b>	234

### More Specifications

<b>Application</b>	Arcade Gaming, Casino Gaming, Drive-Thru / Kiosk, Indoor
<b>RoHS Compliant</b>	Yes
<b>DC Resistance (Re) (<math>\Omega</math>)</b>	6.65
<b>Program Power (W)</b>	6

### Small Signal Parameters

<b>Nominal Impedance (Z) (<math>\Omega</math>)</b>	8
<b>DC Resistance (Re) (<math>\Omega</math>)</b>	6.65
<b>Voice Coil Inductance (Le) (mH)</b>	0.11
<b>Resonant Frequency (Fs) (Hz) +/- 15%</b>	234
<b>Mechanical Q Factor (Qms)</b>	6.2
<b>Electrical Q Factor (Qes)</b>	1.063
<b>Total Q Factor (Qts)</b>	0.91

### Material Descriptions

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

