

The 90ON04-2WP is a race-track shaped speaker for full range audio in your game machines, kiosks, and other space conscious applications that produce energetic, performative audio.

- Full range wide band speaker
- 2" x 3.5" (50 mm x 90 mm) steel basket size
- 7 watts, 4 ohm, 88 dB SPL
- 0.8" copper voice coil, paper former
- Neodymium magnet, paper cone with natural rubber surround
- RoHS compliant



#### Primary Specifications

<b>Size, Nominal (inch &amp; mm)</b>	2" Oval (50 mm)
<b>Rated Impedance (<math>\Omega</math>)</b>	4
<b>Sensitivity (dB SPL) <sup>1</sup></b>	88
<b>Frequency Range (Hz)</b>	160 - 20,000
<b>Resonant Frequency (Fs) (Hz) +/- 15%</b>	208

### More Specifications

<b>Application</b>	Arcade Gaming, Casino Gaming, Drive-Thru / Kiosk, Outdoor
<b>RoHS Compliant</b>	Yes
<b>DC Resistance (Re) (<math>\Omega</math>)</b>	3.8

### Small Signal Parameters

<b>Nominal Impedance (Z) (<math>\Omega</math>)</b>	4
<b>DC Resistance (Re) (<math>\Omega</math>)</b>	3.8
<b>Resonant Frequency (Fs) (Hz) +/- 15%</b>	208
<b>Mechanical Q Factor (Qms)</b>	5.9
<b>Electrical Q Factor (Qes)</b>	1.54
<b>Total Q Factor (Qts)</b>	1.22

### Material Descriptions

<b>Basket Type</b>	Stamped Steel
<b>Terminal Size (mm)</b>	0.110 x 0.02 / 0.205 x 0.02
<b>Voice Coil Diameter (mm)</b>	20.3
<b>Voice Coil Wire Material</b>	Copper
<b>Voice Coil Former Material</b>	Paper
<b>Magnet Material</b>	Neodymium
<b>Magnet Weight (g)</b>	11
<b>Cone Body Material</b>	Paper
<b>Cone Surround Material</b>	Cloth
<b>Dust Cap Material</b>	Paper
<b>Net Weight (kg)</b>	100

