

This 2.5 in. square speaker makes sound ideal for intercoms and other voice systems while allowing for easy assembly. An environment-resistance treatment to this speaker's cloth cone protects it from rain, sleet, and snow. Quick-connect terminals allow simple hook-up to wire harnesses and run parallel to the stamped-steel frame to save space. Choose the RAN22WP-8A for a slim solution to your wide range of needs.

- Voice range speaker
- 2.5 in. (64 mm) basket diameter
- 4 watts, 8 ohms, 84 dB SPL
- 0.5 in. copper voice coil, Kapton former
- Neodymium magnet, stamped steel basket
- Acrylic-treated cloth Cone & surround



#### Primary Specifications

<b>Size, Nominal (inch &amp; mm)</b>	2" (50 mm)
<b>Rated Impedance (<math>\Omega</math>)</b>	8
<b>Sensitivity (dB SPL) <sup>1</sup></b>	84
<b>Frequency Range (Hz)</b>	350 - 9,000
<b>Resonant Frequency (Fs) (Hz) +/- 15%</b>	428

### More Specifications

<b>Application</b>	Drive-Thru / Kiosk, Outdoor , Voice Communications
<b>RoHS Compliant</b>	Yes
<b>DC Resistance (Re) (<math>\Omega</math>)</b>	6.8
<b>Program Power (W)</b>	8

### Small Signal Parameters

<b>Nominal Impedance (Z) (<math>\Omega</math>)</b>	8
<b>DC Resistance (Re) (<math>\Omega</math>)</b>	6.8
<b>Resonant Frequency (Fs) (Hz) +/- 15%</b>	428
<b>Mechanical Q Factor (Qms)</b>	10.90
<b>Electrical Q Factor (Qes)</b>	4.93
<b>Total Q Factor (Qts)</b>	3.40

### Material Descriptions

<b>Basket Type</b>	Stamped steel with zinc plating
<b>Terminal Size (mm)</b>	4.7 x 0.5
<b>Voice Coil Diameter (mm)</b>	14.5
<b>Voice Coil Wire Material</b>	Copper
<b>Voice Coil Former Material</b>	Kapton
<b>Magnet Material</b>	Neodymium
<b>Magnet Weight (g)</b>	4.3
<b>Cone Body Material</b>	Acrylic treated cloth
<b>Cone Surround Material</b>	Acrylic treated cloth
<b>Dust Cap Material</b>	Mylar
<b>Net Weight (kg)</b>	0.04



