

The most durable outdoor 8" cone speaker available, this speaker can be used for voice communications and music. Its high sensitivity can make small amplifiers sound larger. The acrylic-treated cloth cone, surround, and dust cap provide additional years of projected life (depending on environment). It features an eight-hole mount design for ease of front or rear flush mounting. It can also come with a 70-volt transformer attached and mounts to a standard 8" ceiling baffle.

- Acrylic-treated cone and edge compliance
- Voice / Communications Applications
- 30 watts program power
- Aluminum voice coil form
- High Energy (HE) Ferrite magnet
- Steel Basket construction
- Available with 70 Volt Transformer

This speaker front or rear mountable.



### Primary Specifications

<b>Size, Nominal (inch &amp; mm)</b>	8" (203 mm)
<b>Rated Impedance (<math>\Omega</math>)</b>	8
<b>Sensitivity (dB SPL) <sup>1</sup></b>	94
<b>Frequency Range (Hz)</b>	50 - 8,000
<b>Resonant Frequency (Fs) (Hz) +/- 15%</b>	99

### More Specifications

<b>Application</b>	Commercial, Indoor, Outdoor , Transit, Voice Communications
<b>RoHS Compliant</b>	No
<b>DC Resistance (Re) (<math>\Omega</math>)</b>	6.8
<b>Program Power (W)</b>	15.0

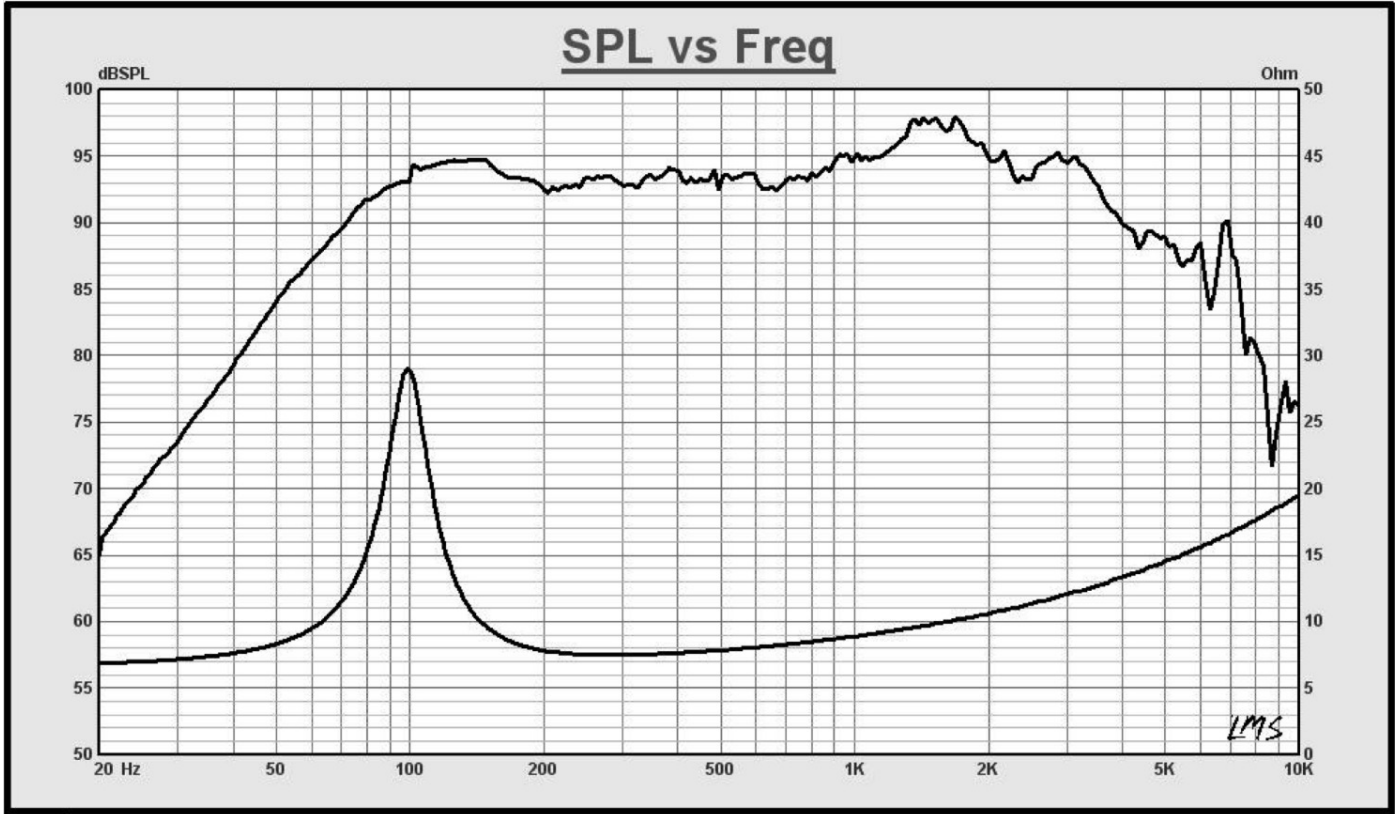
### Small Signal Parameters

<b>Nominal Impedance (Z) (<math>\Omega</math>)</b>	8
<b>DC Resistance (Re) (<math>\Omega</math>)</b>	6.8
<b>Voice Coil Inductance (Le) (mH)</b>	0
<b>Resonant Frequency (Fs) (Hz) +/- 15%</b>	99
<b>Mechanical Q Factor (Qms)</b>	4.4
<b>Electrical Q Factor (Qes)</b>	1.3
<b>Total Q Factor (Qts)</b>	1.01

### Material Descriptions

<b>Basket Type</b>	Stamped Steel with zinc plating
<b>Terminal Size (mm)</b>	5.7 x 0.5 mm
<b>Voice Coil Diameter (mm)</b>	25.4
<b>Voice Coil Wire Material</b>	copper
<b>Voice Coil Former Material</b>	Aluminum
<b>Magnet Material</b>	Ferrite
<b>Magnet Weight (g)</b>	284
<b>Cone Body Material</b>	Red Acrylic Treated Cloth
<b>Cone Surround Material</b>	Red Acrylic Treated Cloth
<b>Spider Material</b>	Cotton
<b>Dust Cap Material</b>	Red Acrylic Treated Cloth
<b>Net Weight (kg)</b>	0.90





Map	— 6: JC8WP		
Notes	JC8WP Revc=6.526 Ohm Fo=99.144 Hz		
	Qms= 4.417 Qes= 1.301 Qts= 1.005		
	Krm=3.010m Ohm Erm=0.741		
	Kxm=48.740m H Exm=0.473		
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