

A robust weatherized speaker designed specifically for outdoor sound systems! The Oaktron 93136 is a 6.5" woofer with a powerful bass response, a robust and striking blue-painted steel frame, and a waterproof cone and surround--perfect for disguised speakers on lawns and in gardens.

- Weatherized woofer
- 6.5" (165 mm) steel basket diameter
- 40 watts, 8 ohm, 88 dB SPL
- 1" copper voice coil, aluminum former
- Ferrite magnet, polypropylene cone & surround



#### Primary Specifications

<b>Size, Nominal (inch &amp; mm)</b>	6" (152 mm)
<b>Rated Impedance (<math>\Omega</math>)</b>	8
<b>Continuous Power (W)</b>	40
<b>Sensitivity (dB SPL) <sup>1</sup></b>	88
<b>Frequency Range (Hz)</b>	25 - 6,000
<b>Resonant Frequency (Fs) (Hz)</b>	40

### More Specifications

<b>Application</b>	Outdoor
<b>RoHS Compliant</b>	Yes
<b>DC Resistance (Re) (<math>\Omega</math>)</b>	5.6
<b>Program Power (W)</b>	80
<b>Continuous Power (W)</b>	40

### Small Signal Parameters

<b>Nominal Impedance (Z) (<math>\Omega</math>)</b>	8
<b>DC Resistance (Re) (<math>\Omega</math>)</b>	5.6
<b>Resonant Frequency (Fs) (Hz)</b>	40
<b>Mechanical Q Factor (Qms)</b>	4.73
<b>Electrical Q Factor (Qes)</b>	0.48
<b>Total Q Factor (Qts)</b>	0.43
<b>Surface Area of Diaphragm (Sd) (cm<sup>2</sup>)</b>	132.73
<b>Compliance Equivalent Volume (Vas) (L)</b>	25.21
<b>Maximum Linear Excursion (Xmax) (mm)</b>	2.43
<b>Motor Force Factor (BL) (T•M)</b>	6.76
<b>Efficiency Bandwidth Product (EBP) (Fs/Qes)</b>	83.33

### Material Descriptions

<b>Basket Type</b>	Blue painted steel
<b>Terminal Size (mm)</b>	5.2 x 0.5
<b>Voice Coil Diameter (mm)</b>	38.1
<b>Voice Coil Wire Material</b>	Copper
<b>Voice Coil Former Material</b>	Aluminum
<b>Magnet Material</b>	Ferrite
<b>Magnet Weight (g)</b>	566.99
<b>Cone Body Material</b>	Polypropylene
<b>Cone Surround Material</b>	Santoprene
<b>Dust Cap Material</b>	Polypropylene
<b>Net Weight (kg)</b>	2.15

