MODEL #: XM-4548B

6.5 INCH (165 MM), 8 OHM OUTDOOR WOOFER

PART #: 93136

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

Size, Nominal (inch & mm)	6" (152 mm)
Rated Impedance (Ω)	8
Continuous Power (W)	40
Sensitivity (dB SPL) [1]	88
Frequency Range (Hz)	25 - 6, 000
Resonant Frequency (Fs) (Hz) +/- 15%	40

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More Specifications

Application	Outdoor
RoHS Compliant	Yes
DC Resistance (Re) (Ω)	5.6
Program Power (W)	80
Continuous Power (W)	40

Small Signal Parameters

Nominal Impedance (Z) (Ω)	8
DC Resistance (Re) (Ω)	5.6
Resonant Frequency (Fs) (Hz) +/- 15%	40
Mechanical Q Factor (Qms)	4.73
Electrical Q Factor (Qes)	0.48
Total Q Factor (Qts)	0.43
Surface Area of Diaphragm (Sd) (cm²)	132.73
Compliance Equivalent Volume (Vas) (L)	25.21
Maximum Linear Excursion (Xmax) (mm)	2.43
Motor Force Factor (BL) (T•M)	6.76
Efficiency Bandwidth Product (EBP) (Fs/Qes)	83.33

Material Descriptions

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





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