

PART #: 90299-2

An audio speaker/grill/lead-set assembly that delivers reliable voice communications, signals, and alarms in outdoor audio systems. This model includes a 3" wide range driver with a waterproof cone and a 2.4 Oz ferrite magnet, a square aluminum grill pre-mounted to the basket, and a 5" leadset with a protective weather shroud for extra coverage against environmental hazards like rain, wind, heat, or dust.

- Wide range speaker
- 3" (77 mm) steel basket diameter
- 4 watts, 8 ohm, 93 dB SPL
- 0.6" copper voice coil, Kapton former
- 2.4 Oz magnet, environmental-resistant cone treatment
- 4x4" aluminum grill, black powder coat
- 5" Faston connector leadset (male), 16 AWG



## **Primary Specifications**

Size, Nominal (inch & mm)	3" (77 mm)
Rated Impedance ( $\Omega$ )	8
Sensitivity (dB SPL) <sup>1</sup>	93
Frequency Range (Hz)	600 - 9000
Resonant Frequency (Fs) (Hz) +/- 15%	1100





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## **More Specifications**

Application	Outdoor , Signal / Alarm Systems, Transit, Voice Communications
DC Resistance (Re) ( $\Omega$ )	6.3
Program Power (W)	8

## **Small Signal Parameters**

Nominal Impedance (Z) ( $\Omega$ )	7
DC Resistance (Re) ( $\Omega$ )	6.3
Resonant Frequency (Fs) (Hz) +/- 15%	1100

## **Material Descriptions**

Basket Type	Stamped steel
Terminal Size (mm)	4.8 x 0.5
Voice Coil Diameter (mm)	15.2
Voice Coil Wire Material	Copper
<b>Voice Coil Former Material</b>	Kapton
Magnet Material	Ferrite
Magnet Weight (g)	66.7
Cone Body Material	Acrylic treated textile
Cone Surround Material	Acrylic treated textile
Dust Cap Material	Acrylic treated textile
Net Weight (kg)	0.29



