3 INCH (77 MM) WATERPROOF VOICE RANGE SPEAKER

PART #: DC3WI

A voice range speaker for exterior intercoms and other heavy-duty sound applications in harsh outdoor environments. This 3" driver includes a 2.35 Oz ferrite magnet, an 8 ohm copper voice coil with a Kapton former, a waterproof acrylic treated cone and surround, and a set of teardrop terminals for easy installation into any system.

- Voice range speaker
- 3" (77 mm) steel basket diameter
- 6 watts, 8 ohm, 87 dB SPL
- 0.7" copper voice coil, Kapton former
- 2.35 Oz ferrite magnet
- Acrylic treated cloth cone & surround



Primary Specifications

Size, Nominal (inch & mm)	3" (77 mm)
Rated Impedance (Ω)	8
Sensitivity (dB SPL) [1]	87
Frequency Range (Hz)	300 - 7, 000
Resonant Frequency (Fs) (Hz) +/- 15%	340

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More Specifications

Application	Drive-Thru / Kiosk, Outdoor , Voice Communications
DC Resistance (Re) (Ω)	6.0
Program Power (W)	8

Small Signal Parameters

Nominal Impedance (Z) (Ω)	8
DC Resistance (Re) (Ω)	6.0
Resonant Frequency (Fs) (Hz) +/- 15%	340
Mechanical Q Factor (Qms)	11.30
Electrical Q Factor (Qes)	2.62
Total Q Factor (Qts)	2.13

Material Descriptions

Basket Type	Stamped steel with zinc plating
Terminal Size (mm)	4.7 x 0.5
Voice Coil Diameter (mm)	17.8
Voice Coil Wire Material	Copper
Voice Coil Former Material	Kapton
Magnet Material	Ferrite
Magnet Weight (g)	68.04
Cone Body Material	Acrylic treated cloth
Cone Surround Material	Acrylic treated cloth
Dust Cap Material	Felt
Net Weight (kg)	0.22



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