2.5 INCH (66 MM) WATERPROOF VOICE RANGE SPEAKER, 8 OHM

PART #: RDC22WI

A specialized, RoHS compliant, all-weather OEM replacement speaker for voice communication applications. This model includes an acrylic treated cloth cone to prevent moisture absorbtion, a powerful 2.35 Oz ferrite magnet, and a 0.6" copper voice coil.

- Voice range speaker
- 2.5” (64 mm) steel basket diameter
- 4 watts, 8 ohm, 88 dB SPL
- 0.6" copper voice coil, aluminum former
- 2.35 Oz ferrite magnet, acrylic treated cloth cone
- RoHS Compliant



Primary Specifications

Size, Nominal (inch & mm)	2" (50 mm)
Rated Impedance (Ω)	8
Sensitivity (dB SPL) [1]	88
Frequency Range (Hz)	350 - 4.5k
Resonant Frequency (Fs) (Hz) +/- 15%	480

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More Specifications

Application	Outdoor , Voice Communications
RoHS Compliant	Yes
DC Resistance (Re) (Ω)	8
Program Power (W)	8

Small Signal Parameters

Nominal Impedance (Z) (Ω)	8
DC Resistance (Re) (Ω)	8
Resonant Frequency (Fs) (Hz) +/- 15%	480
Total Q Factor (Qts)	3.27

Material Descriptions

Basket Type	Stamped steel
Terminal Size (mm)	4.7 x 0.5
Voice Coil Diameter (mm)	14.5288
Voice Coil Wire Material	High temperature copper
Voice Coil Former Material	Aluminum
Magnet Material	Ferrite
Magnet Weight (g)	68.04
Cone Body Material	Acrylic treated cloth
Cone Surround Material	Acrylic treated cloth
Spider Material	Cotton
Dust Cap Material	Felt
Net Weight (kg)	0.2





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