2.5 INCH (66 MM) WATERPROOF VOICE RANGE SPEAKER, 45 OHM

PART #: RDC22WI-45

A specialized, all-weather replacement speaker for your voice applications! The RDC22WI-45 is an ideal, RoHS-compliant speaker for communication systems needing a 45-ohm driver. It sports an acrylic-treated cloth cone that prevents moisture absorption from rain and high humidity.

- Voice range driver
- 2.5” (64 mm) basket diameter
- 4 Watts, 45 Ohms, 88 dB SPL
- 0.6" copper voice coil, aluminum former
- Ferrite magnet, stamped steel frame
- Acrylic-treated cloth & surround



Primary Specifications

Size, Nominal (inch & mm)	2" (50 mm)
Rated Impedance (Ω)	45
Sensitivity (dB SPL) [1]	88
Frequency Range (Hz)	350 - 4, 500
Resonant Frequency (Fs) (Hz) +/- 15%	480

©2026 MISCO/Minneapolis Speaker Company Inc.

2.5 INCH (66 MM) WATERPROOF VOICE RANGE SPEAKER, 45 OHM

PART #: RDC22WI-45

More Specifications

Application	Voice Communications
RoHS Compliant	Yes
Program Power (W)	8

Small Signal Parameters

Nominal Impedance (Z) (Ω)	45
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	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





©2026 MISCO/Minneapolis Speaker Company Inc.