2.5 INCH (64 MM) 8 OHM VOICE RANGE SPEAKER

PART #: 88019

The MISCO water-resistant OEM speaker is a durable and dependable option for signal and communication systems that require consistent performance. This 2.5-inch speaker features a PEI cone and a neoprene gasket that is expertly sealed to prevent water from entering, allowing for reliable communication even in challenging weather conditions.

- Water-resistant design
- PEI cone and neoprene gasket ensure clear voice audio
- Optimal sound quality for critical communications with a 2.5-inch speaker size
- Sturdy construction for long-lasting durability
- Great for signal and communication systems needing consistent performance.

The MISCO water-resistant OEM speaker is the perfect choice for those who need to communicate clearly and consistently in challenging environments. Whether dealing with heavy rain or bright sunshine, this speaker will deliver the performance you need to stay connected. Don't settle for anything less than the best - choose the MISCO water-resistant OEM speaker today.

MISCO engineers use the world's most sophisticated loudspeaker measurement systems, including the Klippel Analyzer, to maximize and confirm the speaker's design and the Klippel QC module to ensure perfect unit-to-unit consistency and reliability.



Primary Specifications

Size, Nominal (inch & mm)	2.5" (66 mm)
Rated Impedance (Ω)	8
Sensitivity (dB SPL) [1]	92
Frequency Range (Hz)	400 - 8, 000
Resonant Frequency (Fs) (Hz) +/- 15%	400

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More Specifications

Application	Military, Voice Communications
RoHS Compliant	Yes
DC Resistance (Re) (Ω)	6.1
Program Power (W)	8

Small Signal Parameters

Nominal Impedance (Z) (Ω)	8
DC Resistance (Re) (Ω)	6.1
Resonant Frequency (Fs) (Hz) +/- 15%	400
Mechanical Q Factor (Qms)	11.3
Electrical Q Factor (Qes)	2.5
Total Q Factor (Qts)	2.10

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
Voice Coil Former Material	Kapton
Magnet Material	Ferrite
Magnet Weight (g)	66.6
Cone Body Material	PEI
Dust Cap Material	Mylar
Net Weight (kg)	0.2



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