1.1 INCH (28 MM) 8 OHM VOICE RANGE SPEAKER

PART #: 28RN08M-1

The 28RN08M-1 is a specialty speaker for outdoor or indoor applications. This speaker was designed for high-performance, clear speech. The single-piece mylar cone makes a great water and dust barrier for IP 65 applications. Ideal for small, very thin, handheld communication devices for outdoor use. It also performs well for reproducing alarm tones for medical equipment such as ventilators.



- Voice range speaker
- 1 inch (28 mm) steel basket diameter
- 5 watts, 8 ohm, 80 dB SPL
- 0.5 inch copper voice coil, paper former
- Neodymium magnet, mylar cone
- RoHS compliant

Primary Specifications

Size, Nominal (inch & mm)	1" (25 mm)
Rated Impedance (Ω)	8
Sensitivity (dB SPL) [1]	86
Frequency Range (Hz)	650 - 6, 000
Resonant Frequency (Fs) (Hz) +/- 15%	650

©2026 MISCO/Minneapolis Speaker Company Inc.

1.1 INCH (28 MM) 8 OHM VOICE RANGE SPEAKER

PART #: 28RN08M-1

More Specifications

Application	Indoor, Medical, Outdoor , Signal / Alarm Systems, Voice Communications
RoHS Compliant	Yes
DC Resistance (Re) (Ω)	8
Program Power (W)	0.5

Small Signal Parameters

Nominal Impedance (Z) (Ω)	8
DC Resistance (Re) (Ω)	8
Resonant Frequency (Fs) (Hz) +/- 15%	650

Material Descriptions

Basket Type	Stamped steel
Terminal Size (mm)	Solder Tabs
Voice Coil Wire Material	Copper
Voice Coil Former Material	Paper
Magnet Material	Ferrite
Cone Body Material	Mylar
Cone Surround Material	Mylar
Net Weight (kg)	0.07





©2026 MISCO/Minneapolis Speaker Company Inc.