2.5 INCH (64 MM) SQUARE, FLAME RETARDANT, VOICE RANGE SPEAKER

PART #: EEN22C-4FR

The EEN22C-4FR is ideal for your aerospace applications. This speaker uses a neodymium magnet for high-energy and light-weight power. MISCO pairs this with a flame-retardant paper cone and cloth surround to make a speaker with a smooth frequency response for both wide and voice range sound. A set of polarized terminals make this speaker simple to hook up to your audio systems. If you are looking for a versatile aerospace speaker, choose the EEN22C-4FR.

- Wide range speaker
- 2.5 inch (64 mm) basket diameter
- 15 watts, 4 ohms, 90 dB SPL
- 0.8" copper voice coil, Kapton former
- Neodymium magnet, stamped steel frame
- Flame retardant paper cone
- Flame retardant cloth surround



Primary Specifications

Size, Nominal (inch & mm)	2" (50 mm)
Rated Impedance (Ω)	4
Sensitivity (dB SPL) [1]	90
Frequency Range (Hz)	150 - 20, 000
Resonant Frequency (Fs) (Hz) +/- 15%	209

©2026 MISCO/Minneapolis Speaker Company Inc.

2.5 INCH (64 MM) SQUARE, FLAME RETARDANT, VOICE RANGE SPEAKER

PART #: EEN22C-4FR

More Specifications

Application	Aerospace, Drive-Thru / Kiosk, Voice Communications
RoHS Compliant	Yes
DC Resistance (Re) (Ω)	3.62
Program Power (W)	30

Small Signal Parameters

Nominal Impedance (Z) (Ω)	4
DC Resistance (Re) (Ω)	3.62
Voice Coil Inductance (Le) (mH)	0
Resonant Frequency (Fs) (Hz) +/- 15%	209
Mechanical Q Factor (Qms)	4.40
Electrical Q Factor (Qes)	0.68
Total Q Factor (Qts)	0.59

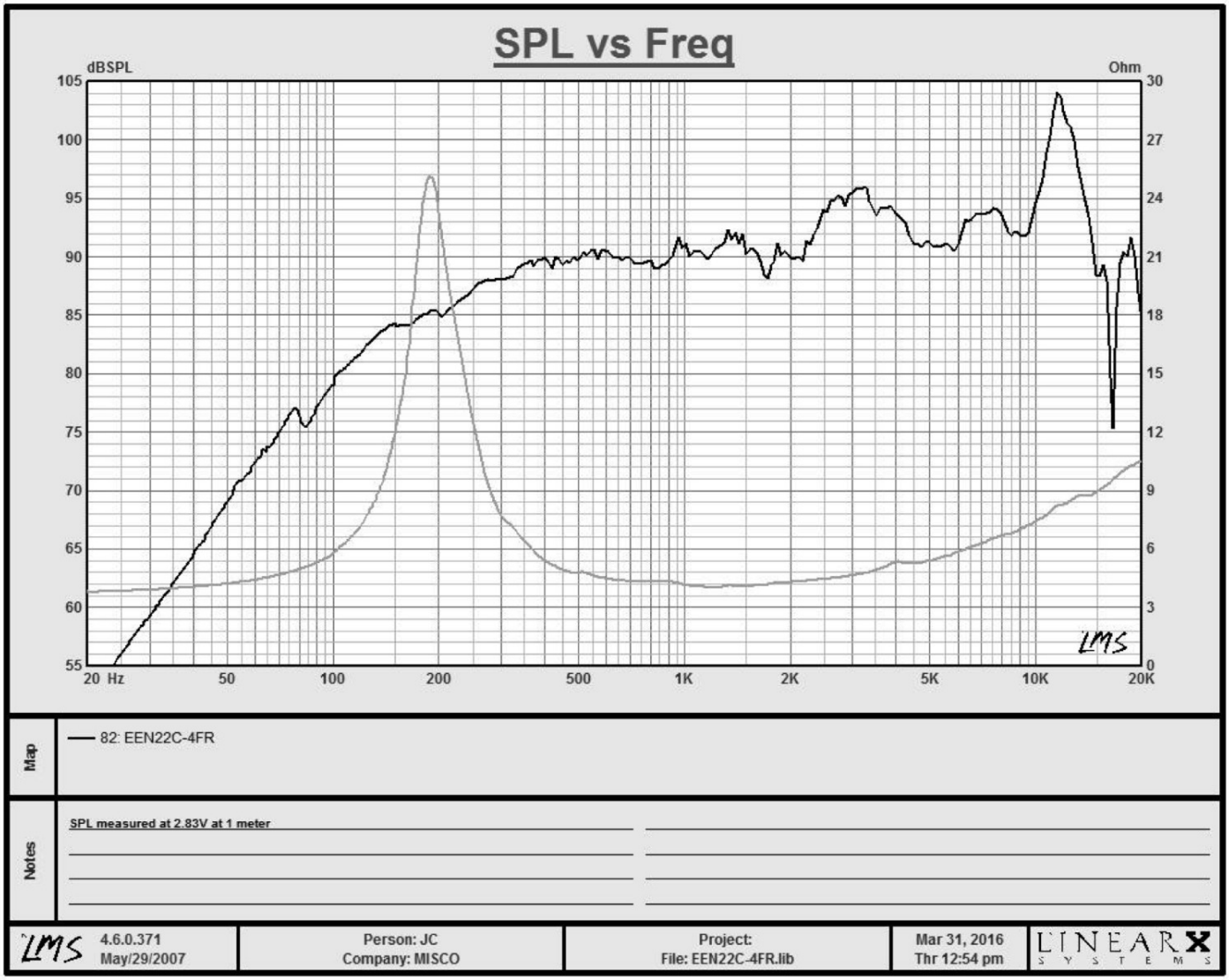
Material Descriptions

Basket Type	Stamped steel with zinc plating
Terminal Size (mm)	2.79 x 0.5
Voice Coil Diameter (mm)	19.1
Voice Coil Wire Material	Copper
Voice Coil Former Material	Kapton
Magnet Material	Neodymium
Magnet Weight (g)	23
Cone Body Material	Flame retardant paper
Cone Surround Material	Flame retardant cloth
Spider Material	Flame retardant cloth
Dust Cap Material	Flame retardant paper
Net Weight (kg)	0.11

©2026 MISCO/Minneapolis Speaker Company Inc.

2.5 INCH (64 MM) SQUARE, FLAME RETARDANT, VOICE RANGE SPEAKER

PART #: EEN22C-4FR



©2026 MISCO/Minneapolis Speaker Company Inc.