2.5 INCH (64 MM) WATERPROOF, 8 OHM VOICE RANGE SPEAKER

PART #: RAN22WP-8A

This 2.5 in. square speaker makes sound ideal for intercoms and other voice systems while allowing for easy assembly. An environment-resistance treatment to this speaker’s cloth cone protects it from rain, sleet, and snow. Quick-connect terminals allow simple hook-up to wire harnesses and run parallel to the stamped-steel frame to save space. Choose the RAN22WP-8A for a slim solution to your wide range of needs.

- Voice range speaker
- 2.5 in. (64 mm) basket diameter
- 4 watts, 8 ohms, 84 dB SPL
- 0.5 in. copper voice coil, Kapton former
- Neodymium magnet, stamped steel basket
- Acrylic-treated cloth Cone & surround



Primary Specifications

Size, Nominal (inch & mm)	2" (50 mm)
Rated Impedance (Ω)	8
Sensitivity (dB SPL) [1]	84
Frequency Range (Hz)	350 - 9, 000
Resonant Frequency (Fs) (Hz) +/- 15%	428

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More Specifications

Application	Drive-Thru / Kiosk, Outdoor , Voice Communications
RoHS Compliant	Yes
DC Resistance (Re) (Ω)	6.8
Program Power (W)	8

Small Signal Parameters

Nominal Impedance (Z) (Ω)	8
DC Resistance (Re) (Ω)	6.8
Resonant Frequency (Fs) (Hz) +/- 15%	428
Mechanical Q Factor (Qms)	10.90
Electrical Q Factor (Qes)	4.93
Total Q Factor (Qts)	3.40

Material Descriptions

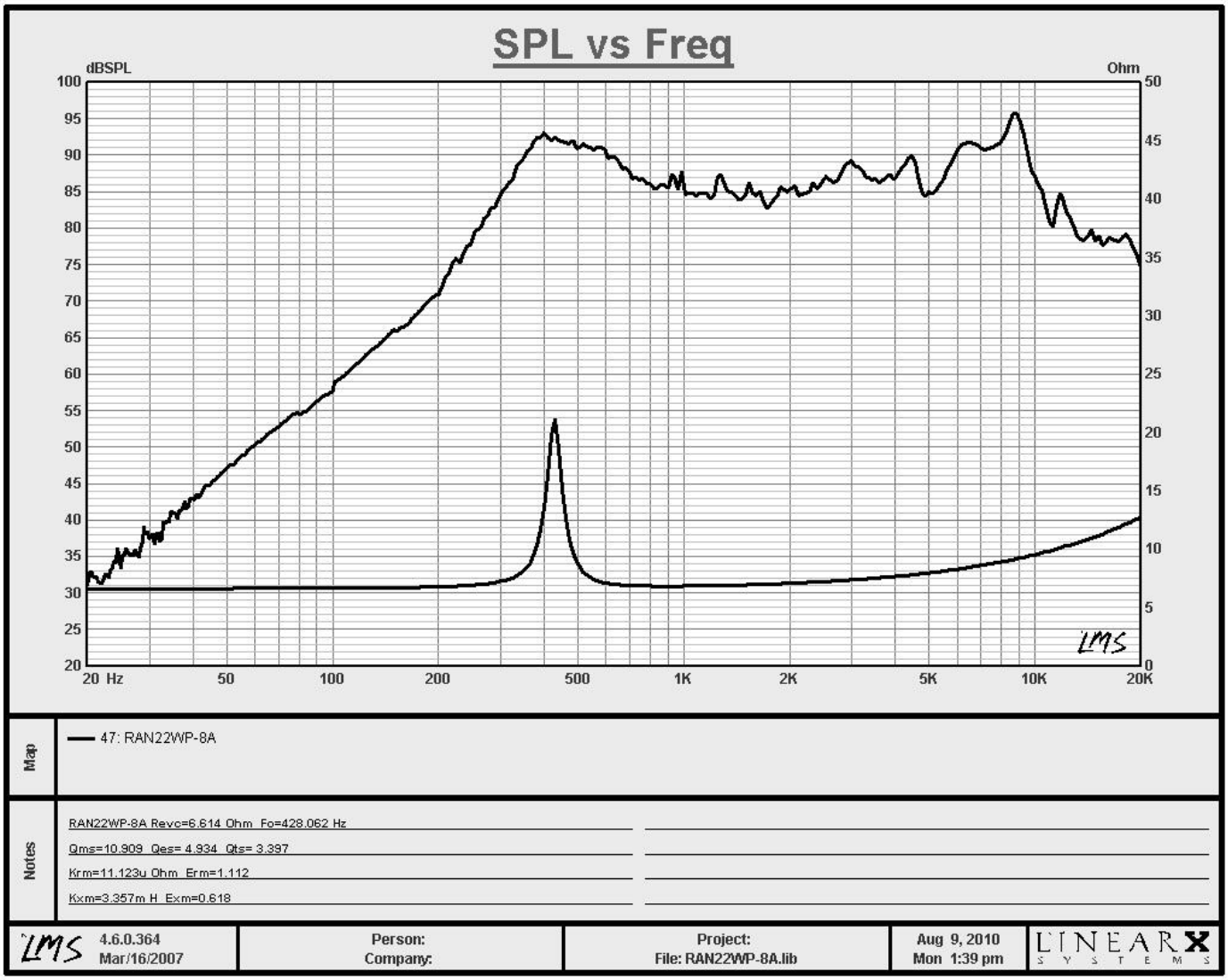
Basket Type	Stamped steel with zinc plating
Terminal Size (mm)	4.7 x 0.5
Voice Coil Diameter (mm)	14.5
Voice Coil Wire Material	Copper
Voice Coil Former Material	Kapton
Magnet Material	Neodymium
Magnet Weight (g)	4.3
Cone Body Material	Acrylic treated cloth
Cone Surround Material	Acrylic treated cloth
Dust Cap Material	Mylar
Net Weight (kg)	0.04





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