3.5 INCH (89 MM), DUAL 16 OHM VOICE RANGE SPEAKER

PART #: DC32S-16-16

The DC32S-16-16 is a 3.5” speaker custom tailored for transit-based paging and voice communication. This model’s 16-ohm dual voice coil models for supervised circuits to wire two separate channels into the same driver.

- Voice range speaker
- 3.5" (89 mm) steel basket diameter
- 4 watts, 16 ohms, 93 dB SPL
- 0.7" copper dual voice coil, aluminum former
- Felted paper cone, paper surround
- 2.35 oz. ferrite magnet



Primary Specifications

Size, Nominal (inch & mm)	3" (77 mm)
Rated Impedance (Ω)	16
Sensitivity (dB SPL) [1]	93
Frequency Range (Hz)	220 - 10, 000
Resonant Frequency (Fs) (Hz) +/- 15%	211

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More Specifications

Application	Indoor, Transit
DC Resistance (Re) (Ω)	12
Program Power (W)	8

Small Signal Parameters

Nominal Impedance (Z) (Ω)	16
DC Resistance (Re) (Ω)	12
Resonant Frequency (Fs) (Hz) +/- 15%	211
Mechanical Q Factor (Qms)	5.7
Electrical Q Factor (Qes)	2.66
Total Q Factor (Qts)	1.50

Material Descriptions

Basket Type	Stamped steel
Terminal Size (mm)	4.8 x 0.5
Voice Coil Diameter (mm)	17.8
Voice Coil Wire Material	Copper
Voice Coil Former Material	Aluminum
Magnet Material	Ferrite
Magnet Weight (g)	68
Cone Body Material	Felted paper
Cone Surround Material	Paper
Dust Cap Material	Felt
Net Weight (kg)	0.23



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