MODEL #: 114-CX04-01

4.5 INCH (114 MM), 4 OHM COAXIAL SPEAKER

PART #: 93077

This 4.5” extended range Red Line speaker fits high-power sound into a compact and lightweight driver. The 93077 provides quality sound thanks to its coaxially mounted PEI tweeter, and works best in shallow enclosures in motorcycles, ATV’s, or any application where weight and space are key design factors.

- Extended range and voice speaker
- 4.5" (114 mm) steel pin cushion basket
- 35 watt, 4 ohm, 87 dB SPL
- 1" copper voice coil, Kapton former
- 1" PEI dome tweeter, coaxially mounted
- Ferrite magnet, polypropylene cone

MISCO engineers test and analyze the performance of these speakers using the world's most sophisticated loudspeaker measurement systems including the Klippel Analyzer and the Klippel QC, which confirm the final design.



Primary Specifications

Size, Nominal (inch & mm)	4" (100 mm)
Rated Impedance (Ω)	4
Sensitivity (dB SPL) [1]	87
Frequency Range (Hz)	100 - 20, 000
Resonant Frequency (Fs) (Hz) +/- 15%	145

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More Specifications

RoHS Compliant	Yes
DC Resistance (Re) (Ω)	3.8
Program Power (W)	70

Small Signal Parameters

Nominal Impedance (Z) (Ω)	4
DC Resistance (Re) (Ω)	3.8
Voice Coil Inductance (Le) (mH)	0.19
Resonant Frequency (Fs) (Hz) +/- 15%	145
Mechanical Q Factor (Qms)	5.30
Electrical Q Factor (Qes)	2.16
Total Q Factor (Qts)	1.53

Material Descriptions

Basket Type	Stamped steel
Terminal Size (mm)	6.4 x 0.8 / 4.7 x 0.5
Voice Coil Diameter (mm)	25.908
Voice Coil Wire Material	High temperature copper
Voice Coil Former Material	Kapton
Magnet Material	Ferrite
Magnet Weight (g)	136.08
Cone Body Material	Polypropylene, carbon filled
Spider Material	Cotton
Net Weight (kg)	0.51

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