

4" 4FR-1

Fullrange



Key features:

- OPTIMIZED FULL-RANGE PERFORMANCE

- GOOD LOW FREQUENCY BEHAVIOR

- AFFORDABLE DESIGN

Design notes:

4FR ferrite based mid-woofer was developed for applications where small size mid-woofer is required. Low resonant frequency and large cone excursion delivers sizeable amounts of low frequencies. Yet, this driver

delivers very good performance in mid-high frequency range.

Our engineers have chosen lightweight, yet strong, paper cone with rubber surround. Cone optimized shape brings remarkable

strength of the piston and greatly improves harmonic distortion artifacts.

Overall this model delivers very good performance and is well balanced between performance - cost.

Specifications:

General specs	
Nominal Diameter:	4 "
Rated Impedance:	4 ohm
Power handling	
AES Power:	30 watts
Program Power:	60 watts
Peak Power:	120 watts
Voice Coil	
Diameter:	25.4 mm
Winding wire:	Copper
Former:	Aluminum
Winding height:	10.6 mm

T/S Parameters	
Resonant frequency:	79 Hz
Re:	3.5 ohm
Qes:	0.61
Qms:	3.47
Qts:	0.52
Vas:	1.8 liters
Sd:	50.3 cm ²
Sensitivity:	84.14 dB
Mms:	7.9 grams
Bl:	4.8
Le:	0.09 mH

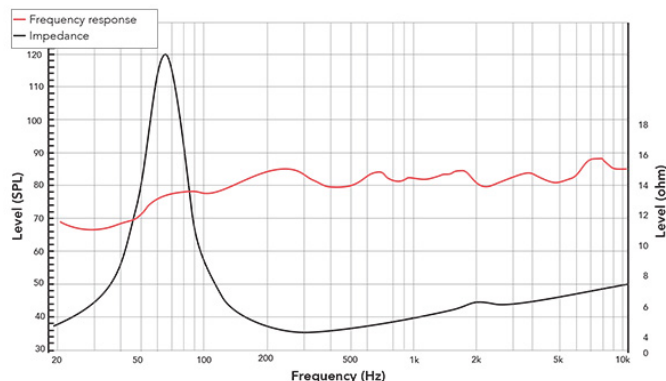
Design details	
Surround Material:	NBR
Cone material:	Paper CF
Spider:	Nomex
Plate thickness:	5 mm
Overall diameter:	105.5 mm
Bolt circle diameter:	106 mm
Baffle cutout dia.:	93.6 mm
Mounting holes:	4
Depth:	56 mm
Net weight:	0.77 kg

Ordering code:

DR-4-013-4R-B2-C0001

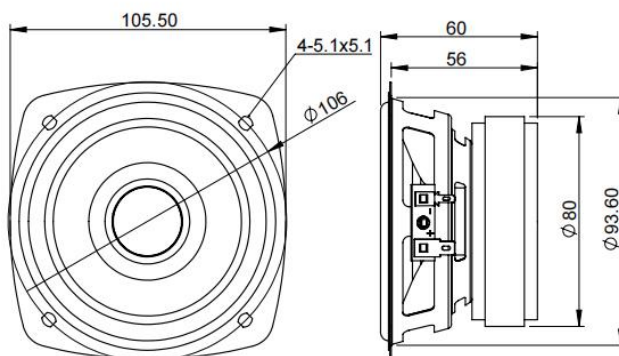
In many cases REDCATT produces 4, 8 and 16 ohm versions — indicate what impedance you need in your request.

Frequency response & Impedance



Frequency response measured on IEC baffle

2D drawing



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