8" | 8FIND

Ferrite Mid-Woofer

REDCAT

Key features:

- EXTENDED FREQUENCY RESPONSE, HIGH EFFICIENCY
- CARBON FIBER LOADED AND REINFORCED PAPER CONE
- NOMEX SPIDER

Design notes:

The 8FIND is a high efficiency, (96 dB 1watt / 1 meter) 8-inch mid bass woofer with incredibly linear frequency response characteristics, high power handling capability while generating low harmonic distortion artifacts.
The 8FIND uses a lightweight carbon fiber loaded cone assembly along with a precision double roll surround. This combination provides remarkable strength, high efficiency and a excursion linearity of 7.5mm.

Magnetic Circuit
REDCATT engineers have developed an efficient, ferrite based magnetic circuit, capable of delivering the highest level of performance providing a consistent, high integrity magnetic flux gap, low distortion characteristic. The magnetic circuit design is optimized to generate the minimum amount of flux modulation, providing exceptional stability.

Specifications:

General specs	
Nominal Diameter:	8"
Rated Impedance:	8 ohm

Power handling	
AES Power:	200 watts
Program Power:	400 watts
Peak Power:	800 watts

Voice Coil	
Diameter:	2 in.
Winding wire:	CCAW
Former:	Glass Fiber
Winding height:	12.4 mm

T/S Parameters	
Resonant frequency:	70 Hz
Re:	5.7 ohm
Qes:	0.25
Qms:	6.4
Qts:	0.25
Vas:	18.2 liters
Sd:	227 cm2
Sensitivity:	97.33 dB
Mms:	20.7 grams
Bl:	14.3
Le:	0.48 mH

Design details	
Surround Material:	Fabric
Cone material:	Paper
Spider:	Nomex
Plate thickness:	8 mm
Peak to peak linear cone displacement	4.7 mm
Overall diameter:	209.5 mm
Bolt circle diameter:	197.5 mm
Baffle cutout dia.:	185 mm
Number of mounting holes:	8
Depth (flange to rear):	91.5 mm
Net weight:	3.73kg

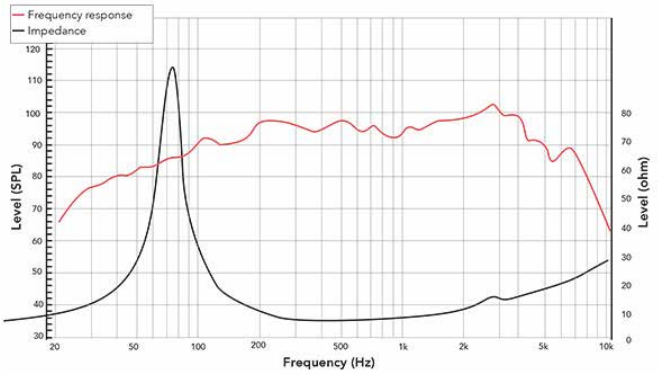
Ordering codes:

8FINDX8-030

Recone kits:

In many cases REDCATT produces 4 ohms, 8 ohms and 16 ohms versions. Indicate what impedance do you need in your request.

Frequency response & Impedance



Frequency response measured on IAC baffle

2D drawing