

## Ferrite Mid-bass Woofer

Ordering code: 8FIND-030

Cont. Power	Sens.	Fs	Freq. Range	VC Dia.	VC Wire	Cone/Surround/Dome	Magnet type
450 watts	96 dB	68 Hz	70 Hz - 3,000 Hz	2.0" 2out	CCAW	Paper / Fabric	Ferrite

The 8FIND is a high efficiency, (96 dB 1 watt / 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

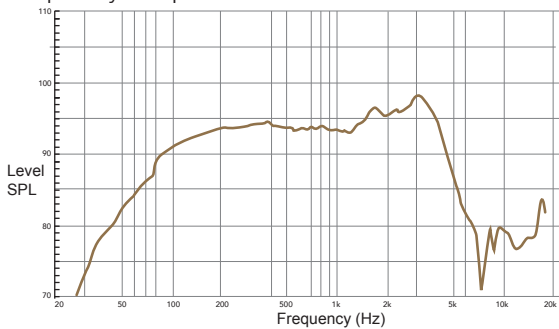
REDCATT engineers have developed an efficient, ferrite based magnetic circuit, capable of delivering the highest level of performance providing a consistent, high integrity magnetic flux gap, low distortion characteristic. The magnetic circuit design is optimized to generate the minimum amount of flux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



### General Specifications

Nominal Diameter:	200 mm (8 in.)
Rated Impedance:	8 ohm
Power Handling:	
AES Power:	225 Watts
Power Compression @-10dB	0.5dB
Power Compression @-10dB	1.4dB
Power Compression @Max Power	2.3dB
Maximum Recommended Xover Freq.:	3,000 Hz
Recommended Enclosure Volume:	10 - 40 Liters
Cone Design:	Exp. Gmtry, Redcatt Cell.
Front Plate Thickness:	8 mm
Winding Height:	12 mm
Fs	68 Hz
Re	5.5 Ohm
Sd	226 cm <sup>2</sup> (35 in. <sup>2</sup> )
Qms	6.3
Qes	0.3
Qts	0.28
Vas	18.3 Liters
Mms	20.3 g
BL product (force factor)	11.54 Tm
Peak to peak displacement (mm)	10
Le (mH @1kHz)	0.44
Overall diameter	209.5 mm ( 8.24 in.)
No. of mounting holes	8
Bolt circle diameter	197.5 mm (7.78 in.)
Front mount baffle cutout dia.	184 mm (7.24 in.)Nominal
Rear mount baffle cutout diameter	185 mm ( 7.25 in.)Nominal
Total depth	98.5 mm (3.87 in.)
Flange and gasket thickness	7.75 mm ( 0.3 in.)
Net weight	4.2 kg (9.3 lbs.)
Shipping weight	5.1 kg (11.3 lbs.)
Packing Dimensions	220x220x110mm

### Frequency Response



Frequency response measurement with transducer mounted in a 180 liter vented enclosure tuned to 35Hz

### Impedance Response

