



Key features:

- GLASS FIBER AND RIB REINFORCED PAPER CONE
- FEM OPTIMIZED AIR CIRCULATION
- SILICONE SEALED SURROUND

Design notes:

The 15FIND is a high efficiency, (95.5 dB 1watt / 1 meter) 15-inch woofer with incredibly linear frequency response characteristics, extreme high power handling capability while generating low harmonic distortion artifacts. The 15FIND uses a lightweight, but strong, glass fiber loaded cone assembly along with a high excursion triple roll constant geometry surround. This combination provides remarkable strength, high efficiency and a peak to peak maximum excursion of 38mm (1.5in).

Power Handling

At the core of the 15FIND is it,Âs voice coil technology featuring a composite Polyimide former material capable of withstanding peak temperatures in excess of 250 C, well beyond the thermal requirements of modern professional audio systems. Winding if wound on the outside and inside of the former.

REDCATT has implemented a silicone spider design to ensure long term Fs memory, consistency and diminish anomalies associated with spider deterioration. The sealed spider works as an air pump and pushes the air through the motor to increase heat transfer and cooling of the parts.

Specifications:

General specs

Nominal Diameter: 15"
Rated Impedance: 8 ohm

Power handling

AES Power: 1000 watts
Program Power: 2000 watts
Peak Power: 4000 watts

Voice Coil

Diameter: 4 in.
Winding wire: Copper
Former: Glass Fiber
Winding height: 25.5 mm

T/S Parameters

Resonant frequency: 42 Hz
Re: 5.4 ohm
Qes: 0.37
Qms: 8.31
Qts: 0.36
Vas: 96.4 liters
Sd: 881 cm²
Sensitivity: 96.65 dB
Mms: 159.6 grams
Bl: 24.6
Le: 1.18 mH

Design details

Surround Material: Fabric
Cone material: Paper
Spider: Nomex
Plate thickness: 12 mm
Peak to peak linear cone displacement: 10.5 mm
Overall diameter: 392 mm
Bolt circle diameter: 373 mm
Baffle cutout dia.: 360 mm
Number of mounting holes: 8
Depth (flange to rear): 150 mm
Net weight: 12kg

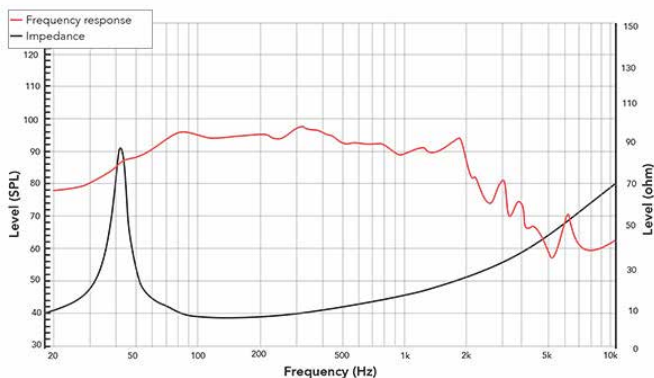
Ordering codes:

15FINDX8-035

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

