



Key features:

- EXTENDED LOW FREQUENCY RESPONSE
- CARBON FIBER REINFORCED CONE
- HIGH EXCURSION RUBBER SURROUND

Design notes:

The 152FIND-333 is a high efficiency, (96 dB 1watt / 1 meter) 15-inch woofer with linear frequency response characteristics and high power handling capability. The 152FIND-333 uses a lightweight carbon fiber loaded cone assembly along with a high excursion rubber surround. This combination greatly improves low-frequency response and provides great level of control over the moving cone at high excursion levels. We have designed

a lightweight surround, using our own rubber compound. As the result, the SPL is not compromised and the woofer can be used in professional audio applications, where high amounts of low frequencies are required.

Power Handling

At the core of the 152FIND-333 is it, Åôs voice coil technology featuring a composite Polyimide former material capable

of withstanding peak temperatures in excess of 280C, well beyond the thermal requirements of modern professional audio systems.

The 152FIND-333 cone is extensively treated to withstand harsh environments and high humidity. Metal parts in the speaker assembly are coated for extreme weatherization protection.

Specifications:

General specs

Nominal Diameter: 15"

Rated Impedance: 8 ohm

Power handling

AES Power: 800 watts

Program Power: 1600 watts

Peak Power: 3200 watts

Voice Coil

Diameter: 3 in.

Winding wire: CCAW

Former: Glass Fiber

Winding height: 19 mm

T/S Parameters

Resonant frequency: 37 Hz

Re: 4.6 ohm

Qes: 0.46

Qms: 10.2

Qts: 0.44

Vas: 119 liters

Sd: 804 cm²

Sensitivity: 96 dB

Mms: 140 grams

Bl: 18.4

Le: 0.55 mH

Design details

Surround Material: Rubber

Cone material: Paper

Spider: Nomex

Plate thickness: 10 mm

Peak to peak linear cone displacement: 20 mm

Overall diameter: 392 mm

Bolt circle diameter: 375 mm

Baffle cutout dia.: 360 mm

Number of mounting holes: 8

Depth (flange to rear): 143 mm

Net weight: 9kg

Ordering codes:

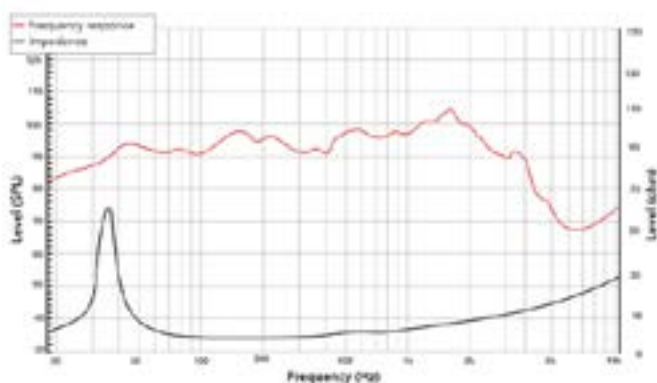
152FIND-X8 ohm-333

Recone kits:

RC152FINDX-333

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

