

15" | 154FIND

Mid-woofer



Key features:

- COST EFFECTIVE DESIGN, YET WITH HIGH SPL, EXTENDED MID FREQUENCY
- GOOD POWER HANDLING
- LIGHTWEIGHT PAPER CONE, CONEX SPIDER

Design notes:

The 154FIND is a cost-effective solution for two-way and multi-way systems, together with subwoofers. Its lightweight yet strong cone allows the magnetic circuit to be size optimized while delivering a sizeable amount of sound pressure. With its high efficiency (97 dB 1 watt / 1 meter) and high power handling capabilities, this woofer will excel in all applications with tight budgets. The cone shape and material was developed to extend

mid-frequency response, making the woofer good choice for two-way and multi-way systems.

Power Handling
At the core of the 154FIND is its voice coil technology featuring a composite Polyimide former material capable of withstanding peak temperatures above 280°C. The winding with high temperature handling copper wire ensures the long life of the

voice coil, without the costly service cycles. The cone is also 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: 500 watts
Program Power: 1000 watts
Peak Power: 2000 watts

Voice Coil

Diameter: 2.5 in.
Winding wire: Copper
Former: Glass Fiber
Winding height: 17 mm

T/S Parameters

Resonant frequency: 38 Hz
Re: 5.6 ohm
Qes: 0.43
Qms: 8.1
Qts: 0.4
Vas: 187.2 liters
Sd: 881 cm²
Sensitivity: 97 dB
Mms: 103 grams
Bl: 18.1
Le: 0.97 mH

Design details

Surround Material: Fabric
Cone material: Paper
Spider: Nomex
Plate thickness: 8 mm
Peak to peak linear cone displacement: 17.2 mm
Overall diameter: 387 mm
Bolt circle diameter: 374 mm
Baffle cutout dia.: 355 mm
Number of mounting holes: 8
Depth (flange to rear): 155 mm
Net weight: 6.3kg

Ordering codes:

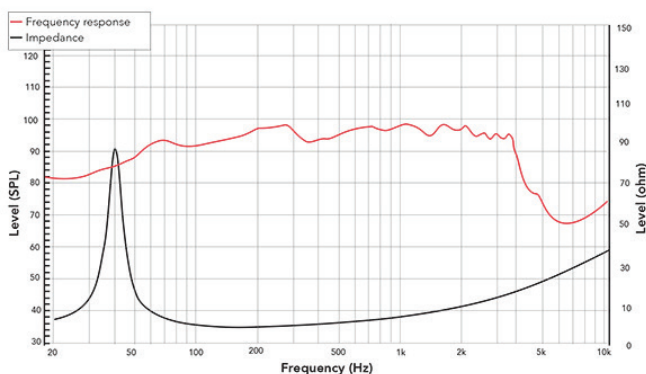
154FIND-X8 ohm-298

Recone kits:

RC154FINDX-298

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

