15" 155FIND

Woofer

Key features:

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

Design notes:

The 155FIND is a cost-effective solution for two-way and multi-way systems, together with subwoofers. It's lightweight yet strong cone allows the magnetic circuit to be size optimized while delivering a seizable amount of sound pressure. With its high efficiency (97 dB 1watt / 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 155FIND 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:	**400 watts**
Program Power:	**800 watts**
Peak Power:	**1600 watts**
Voice Coil	
Diameter:	**63.5 mm**
Winding wire:	**Copper**
Former:	**Glass Fiber**
Winding height:	**15.5 mm**

T/S Parameters	
Resonant frequency:	**40 Hz**
Re:	**6.2 ohm**
Qes:	**0.79**
Qms:	**11.1**
Qts:	**0.73**
Vas:	**166.5 liters**
Sd:	**881 cm²**
Sensitivity:	**94.55 dB**
Mms:	**102.6 grams**
Bl:	**14.38**
Le:	**0.97 mH**

Design details	
Surround Material:	**fabric**
Cone material:	**Paper GF**
Spider:	**Nomex**
Plate thickness:	**6 mm**
Overall diameter:	**386 mm**
Bolt circle diameter:	**373 mm**
Baffle cutout dia.:	**352 mm**
Mounting holes:	**8**
Depth:	**142 mm**
Net weight:	**4.5 kg**

Ordering codes:

DR-15-013-8R-B2-C0001

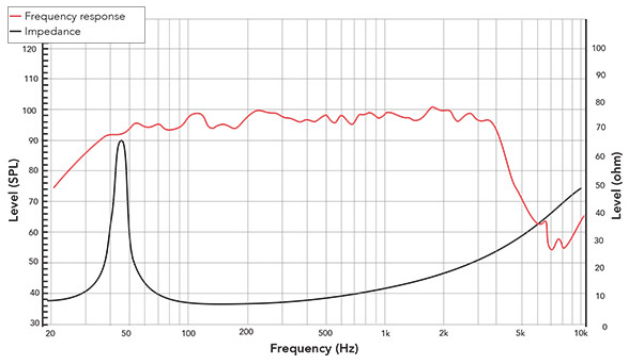
Legacy code: **155FINDX8-367D**

Recone kits:

RC155FINDX8-367D

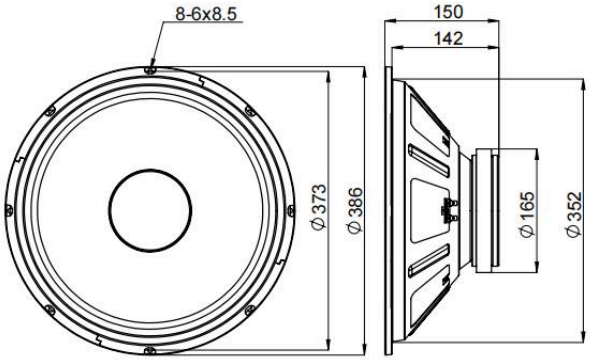
In many cases REDCATT produces 4, 8 and 16 ohm versions — indicate what impedance you need in your request.

Frequency response & Impedance



Frequency response measured on IEC baffle

2D drawing



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