



Key features:

- EXTENDED FREQUENCY RESPONSE
- OPTIMIZED VENTING SYSTEM
- HIGH POWER HANDLING

Design notes:

The 18FIND is a high efficiency, (97 dB 1 watt / 1 meter) 18-inch woofer with incredibly linear frequency response characteristics, high power handling capability while generating low harmonic distortion artifacts. The 18FIND uses a lightweight 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 21mm.

Power Handling

At the core of the 18FIND is it, Åôs voice coil technology featuring a composite Polyimide former material capable of withstanding peak temperatures in excess of 250C, well beyond the thermal requirements of modern professional audio systems.

REDCATT has implemented a silicone spider design to ensure long term shape

memory, consistency and diminish anomalies associated with spider deterioration.

Specifications:

General specs

Nominal Diameter: 18"

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: 23.7 mm

T/S Parameters

Resonant frequency: 36 Hz

Re: 5.2 ohm

Qes: 0.44

Qms: 8.4

Qts: 0.42

Vas: 203.4 liters

Sd: 1257 cm²

Sensitivity: 97 dB

Mms: 211.8 grams

Bl: 23.6

Le: 1.74 mH

Design details

Surround Material: Fabric

Cone material: Paper

Spider: Nomex

Plate thickness: 12 mm

Peak to peak linear cone displacement: 20.8 mm

Overall diameter: 468 mm

Bolt circle diameter: 442 mm

Baffle cutout dia.: 426 mm

Number of mounting holes: 8

Depth (flange to rear): 184 mm

Net weight: 13.7kg

Ordering codes:

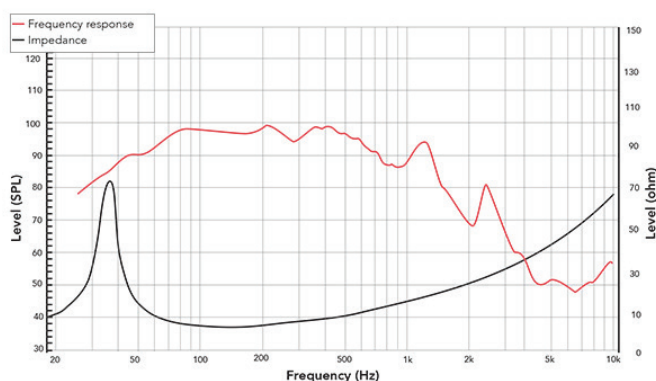
18FIND-X8 ohm-036

Recone kits:

RC18FINDX-036

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



2D drawing

