



Key features:

- INSIDE / OUTSIDE WOUND COIL
- REINFORCED HALF PRESSED CONE
- SILICONE NOMEX SPIDER

Design notes:

The 182FIND is a high efficiency, (98 dB 1 watt / 1 meter) 18-inch woofer with extended linear frequency response characteristics. The 182FIND uses durable half-pressed paper cone assembly along with a high excursion triple roll constant geometry surround. This combination provides remarkable strength at any given situation, high efficiency and a peak to peak maximum excursion of 27mm.

Power Handling

At the core of the 182FIND is its 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. Voice coil winding is wound inside and outside of the former in the 1-3 split.

spider design to ensure long term shape memory, consistency and diminish anomalies associated with spider deterioration.

REDCATT has implemented a silicone

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: 25.5 mm

T/S Parameters

Resonant frequency: 31 Hz

Re: 5.5 ohm

Qes: 0.24

Qms: 8.85

Qts: 0.23

Vas: 208.6 liters

Sd: 1257 cm²

Sensitivity: 98 dB

Mms: 281 grams

BL: 35.4

Le: 4.92 mH

Design details

Surround Material: Fabric

Cone material: Paper

Spider: Nomex

Plate thickness: 14 mm

Peak to peak linear cone displacement: 27.2 mm

Overall diameter: 468 mm

Bolt circle diameter: 442 mm

Baffle cutout dia.: 426 mm

Number of mounting holes: 8

Depth (flange to rear): 189 mm

Net weight: 14kg

Ordering codes:

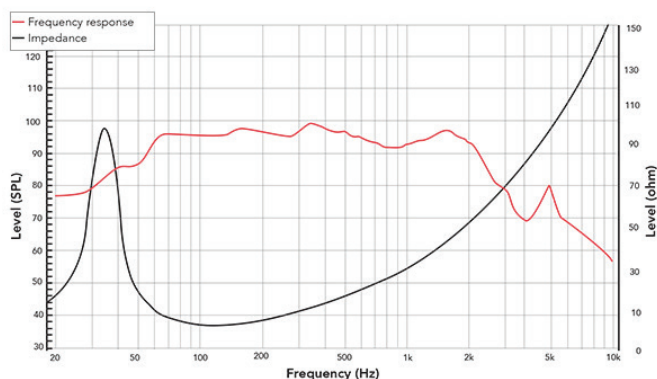
182FIND-X8 ohm-127

Recone kits:

RC182FINDX-127

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

