

18" 18FIND-1

Woofer



Key features:

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

Design notes:

The 18FIND is a high efficiency, (97 dB 1watt / 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's 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:	101.6 mm
Winding wire:	Copper
Former:	Glass Fiber
Winding height:	23.7 mm

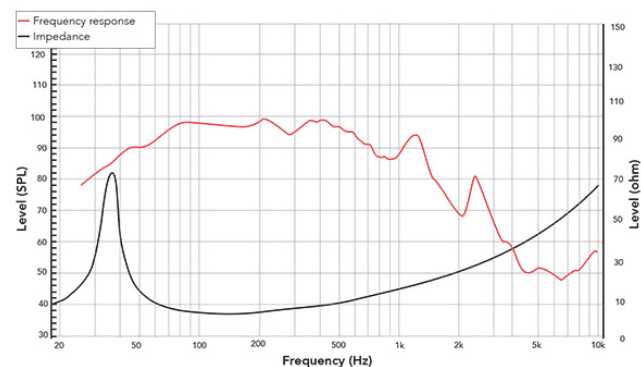
T/S Parameters	
Resonant frequency:	36 Hz
Re:	5.2 ohm
Qes:	0.44
Qms:	8.4
Qts:	0.42
Vas:	203.4 liters
Sd:	1257 cm ²
Sensitivity:	97.24 dB
Mms:	211.8 grams
Bl:	23.6
Le:	1.74 mH

Design details	
Surround Material:	fabric
Cone material:	Paper CF
Spider:	Nomex
Plate thickness:	12 mm
Overall diameter:	468 mm
Bolt circle diameter:	442 mm
Baffle cutout dia.:	426 mm
Mounting holes:	8
Depth:	184 mm
Net weight:	13.7 kg

Ordering codes:	
DR-18-014-8R-B2-C0001	
Legacy code: 18FINDX8-036	
Recone kits:	
RC18FINDX8-036	

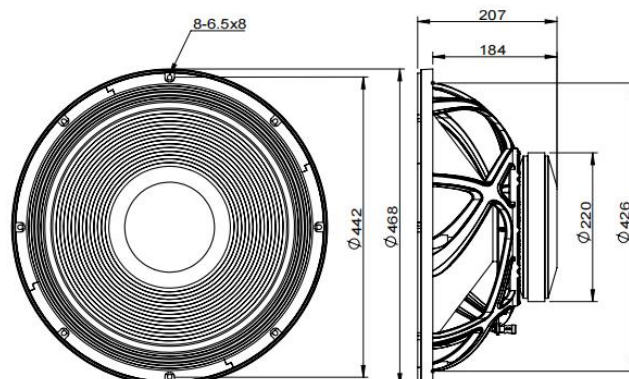
In many cases REDCATT produces 4, 8 and 16 ohm versions — indicate what impedance you need in your request.

Frequency response & Impedance



Frequency response measured on IEC baffle

2D drawing



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