

8" 81FIND

Mid-Woofer



Key features:

- **EXTENDED FREQUENCY RESPONSE**
- **IDEAL FOR SMALL AND PORTABLE 2-WAY SYSTEMS**
- **AFFORDABLE, YET VERY CAPABLE DESIGN FOR COST SENSITIVE PRODUCT**

Design notes:

The 81FIND is a high efficiency, (95 dB 1watt / 1 meter) 8-inch woofer with linear frequency response characteristics, good power handling capability while generating low harmonic distortion artifacts. The 81FIND uses a lightweight glass-fiber loaded cone assembly along with a high excursion M-roll surround. This combination provides a lightweight, yet strong, piston.

Magnetic Circuit

Ferrite based magnetic circuit, capable of delivering the good level of performance, providing a consistent, high integrity magnetic flux gap, low distortion characteristic and high-efficiency cooling system. The metal parts are extensively coated to provide the maximum weather protection.

This driver has been chosen by many audio engineers for smaller sized, or portable audio products. It has proven its capability over and over again all around the world, many times in challenging applications or environments. 81FIND is proven design that delivers good balance between performance and cost.

Specifications:

General specs	
Nominal Diameter:	8 "
Rated Impedance:	8 ohm
Power handling	
AES Power:	200 watts
Program Power:	400 watts
Peak Power:	800 watts
Voice Coil	
Diameter:	50.8 mm
Winding wire:	CCAW
Former:	Glass Fiber
Winding height:	12.5 mm

T/S Parameters	
Resonant frequency:	80 Hz
Re:	4.7 ohm
Qes:	0.53
Qms:	8.35
Qts:	0.5
Vas:	11.3 liters
Sd:	213.8 cm ²
Sensitivity:	94.68 dB
Mms:	22.6 grams
Bl:	10.2
Le:	0.44 mH

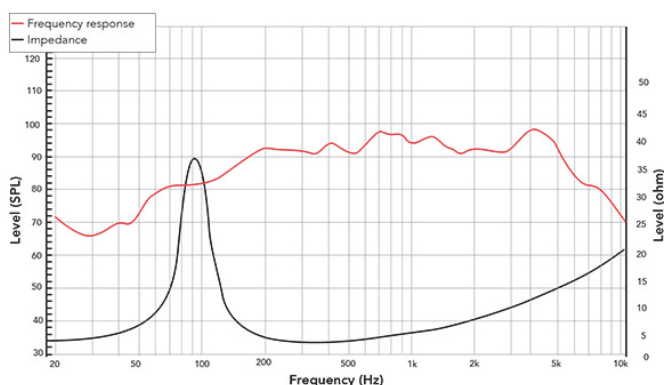
Design details	
Surround Material:	fabric
Cone material:	Paper GF
Spider:	Nomex
Plate thickness:	8 mm
Overall diameter:	209 mm
Bolt circle diameter:	197 mm
Baffle cutout dia.:	180 mm
Mounting holes:	8
Depth:	91.5 mm
Net weight:	2.8 kg

Ordering code:

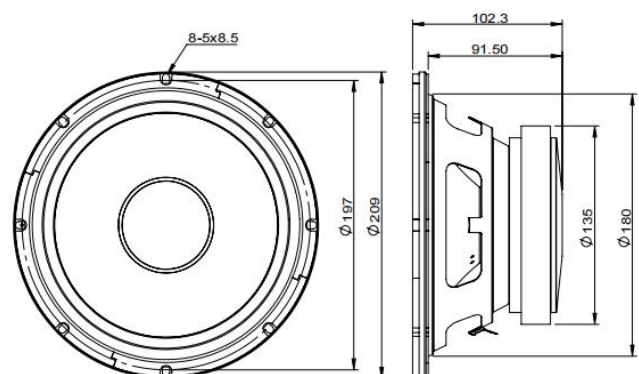
DR-8-008-8R-B2-C0001

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

Frequency response & Impedance



2D drawing



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