

6.5" 61FHM-2

Mid-Woofer



Key features:

- **EXTENDED FREQUENCY RESPONSE**

Design notes:

61FHM mid-woofer was designed for outdoor applications, yet it will shine in hi-fi home and studio applications as well.

Optimized ferrite based magnetic circuit with good air-venting features ensures long lasting performance.

Our engineers have chosen polypropylene cone with rubber surround for this model. Both

of these components are produced with UV stabilizers. Furthermore, REDCATT state of the art adhesives and dispensing techniques ensures waterproof seals in all weather exposed glue joints. Sealing to the exposure can be guaranteed by EVA gaskets or based upon a request by Form In Place Gaskets.

The audio system designers can rest

assured we have extensively tested this product with UV exposure, salt exposure and waterproofing.

The extended mid-frequency response allows the systems to be used with higher resonance frequency HF units. For the best performance in the audio systems, we recommend usage in vented enclosures.

Specifications:

General specs	
Nominal Diameter:	6.5 "
Rated Impedance:	4 ohm
Power handling	
AES Power:	50 watts
Program Power:	100 watts
Peak Power:	200 watts
Voice Coil	
Diameter:	25.4 mm
Winding wire:	Copper
Former:	Aluminum
Winding height:	12.4 mm

T/S Parameters	
Resonant frequency:	44 Hz
Re:	3.2 ohm
Qes:	0.58
Qms:	5.27
Qts:	0.52
Vas:	14.4 liters
Sd:	132.7 cm²
Sensitivity:	86.03 dB
Mms:	23.04 grams
Bl:	6.02
Le:	0.74 mH

Design details	
Surround Material:	NBR
Cone material:	PP
Spider:	Nomex
Plate thickness:	6 mm
Overall diameter:	165.5 mm
Bolt circle diameter:	157 mm
Baffle cutout dia.:	143 mm
Mounting holes:	4
Depth:	68 mm
Net weight:	1.04 kg

Ordering codes:

DR-6.5-001-4R-B2-C0001

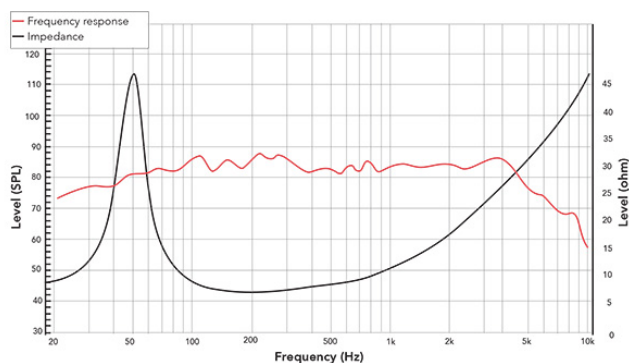
Legacy code: **61FHM4-381**

Recone kits:

RC61FHM4-381

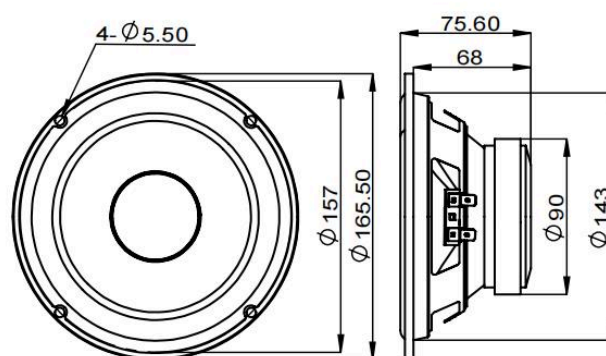
In many cases REDCATT produces 4, 8 and 16 ohm versions — indicate what impedance you need in your request.

Frequency response & Impedance



Frequency response measured on IEC baffle

2D drawing



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