

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

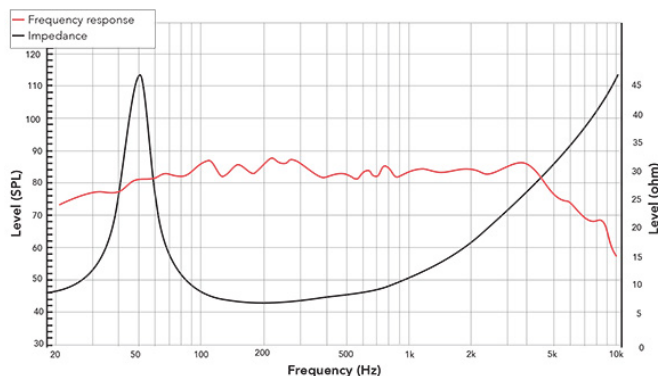
product with UV exposure, salt exposure and waterproofing.

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	T/S Parameters	Design details	Ordering code:
Nominal Diameter: 6.5"	Resonant frequency: 44 Hz	Surround Material: NBR	DR-6.5-001-4R-B2-C0001
Rated Impedance: 4 ohm	Re: 3.2 ohm	Cone material: PP	
Power handling	Qes: 0.58	Spider: Nomex	In many cases REDCATT produces 4, 8 and 16 ohm versions — indicate what impedance you need in your request.
AES Power: 50 watts	Qms: 5.27	Plate thickness: 6 mm	
Program Power: 100 watts	Qts: 0.52	Overall diameter: 165.5 mm	
Peak Power: 200 watts	Vas: 14.4 liters	Bolt circle diameter: 157 mm	
Voice Coil	Sd: 132.7 cm²	Baffle cutout dia.: 143 mm	
Diameter: 25.4 mm	Sensitivity: 86.03 dB	Mounting holes: 4	
Winding wire: Copper	Mms: 23.04 grams	Depth: 68 mm	
Former: Aluminum	Bl: 6.02	Net weight: 1.04 kg	
Winding height: 12.4 mm	Le: 0.74 mH		

Frequency response & Impedance



Frequency response measured on IEC baffle

2D drawing

