

5" 5FR**Fullrange****REDCATT**

Key features:

- **WIDE RANGE FREQUENCY RESPONSE**
- **RUBBER SURROUND, CUSTOM PAPER PULP CONE**
- **DESIGNED FOR HI-FI, STUDIO DESK-TOP, COLUMNS OR OTHER MULTI-WAY SYSTEMS**

Design notes:

5FR delivers a good balance of low-mid frequencies. Extended frequency response opens opportunity to design compact audio systems with sizable amounts of low frequencies, yet with great clarity in mid to high frequency region. The optimized behavior of this driver in the mid-frequency region allows the audio engineers design

simplified passive crossovers or DSP without the needs for large equalizations.

The magnetic structure was designed around large high-grade ferrite magnet. All steel parts are extensively coated to cope with the most demanding environments.

The cone paper pulp and surround were fully developed by REDCATT engineers and

address all major break-up modes. The speaker has improved off-axes frequency response.

The newly designed steel basket with front and rear gaskets allow this mid-woofer to be mounted from the front and rear.

Specifications:

General specs	
Nominal Diameter:	5"
Rated Impedance:	8 ohm
Power handling	
AES Power:	60 watts
Program Power:	120 watts
Peak Power:	240 watts
Voice Coil	
Diameter:	25.4 mm
Winding wire:	Copper
Former:	kapton
Winding height:	9 mm

T/S Parameters	
Resonant frequency:	92 Hz
Re:	5.6 ohm
Qes:	0.73
Qms:	11.4
Qts:	0.69
Vas:	3.8 liters
Sd:	90 cm²
Sensitivity:	89.55 dB
Mms:	8.8 grams
Bl:	6.3
Le:	0.28 mH

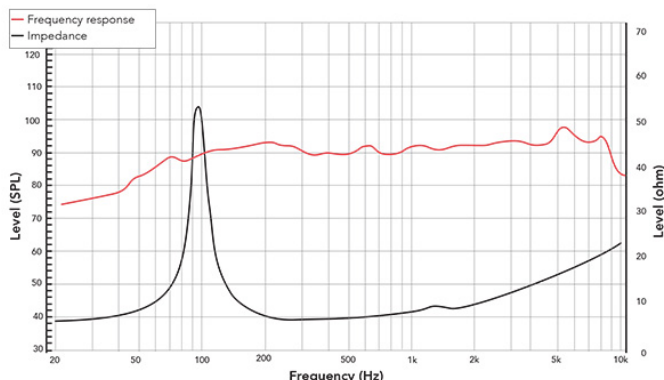
Design details	
Surround Material:	NBR
Cone material:	Paper CF
Spider:	Nomex
Plate thickness:	5 mm
Overall diameter:	130.5 mm
Bolt circle diameter:	139 mm
Baffle cutout dia.:	113.5 mm
Mounting holes:	4
Depth:	61 mm
Net weight:	0.99 kg

Ordering code:

DR-5-002-8R-B2-C0001

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

Frequency response & Impedance



Frequency response measured on IEC baffle

2D drawing

