

2.5" 25NFR

Fullrange



Key features:

- FULL-RANGE FREQUENCY RESPONSE

- A VERY SMALL FORM FACTOR

- OPTIMIZED FREQUENCY RESPONSE

Design notes:

25NFR was designed around neodymium ring magnet. The magnetic structure delivers very high level of magnetic force, while generating minimum amount of modulation distortion.

The lightweight, yet strong, paper cone

with attached rubber surround was designed and optimized to deliver the highest level of performance in full-range applications.

This speaker finds its best application in columns or multi-way Hi-Fi products. Due to

its excellent HF response, further usage of HF units is not required.

The small form-factor allows this product to be used in space limited applications or portable products.

Specifications:

General specs	
Nominal Diameter:	2.5 "
Rated Impedance:	8 ohm
Power handling	
AES Power:	20 watts
Program Power:	40 watts
Peak Power:	80 watts
Voice Coil	
Diameter:	0.8 mm
Winding wire:	CCAW
Former:	kapton
Winding height:	8.3 mm

T/S Parameters	
Resonant frequency:	123 Hz
Re:	7.3 ohm
Qes:	0.81
Qms:	5.97
Qts:	0.71
Vas:	0.46 liters
Sd:	21.2 cm ²
Sensitivity:	82.69 dB
Mms:	2.2 grams
Bl:	4
Le:	0.09 mH

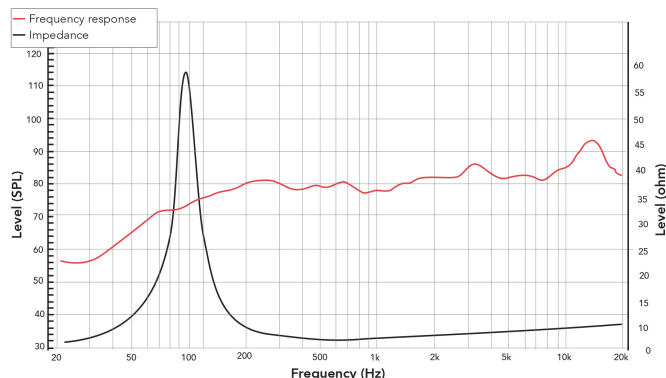
Design details	
Surround Material:	NBR
Cone material:	Paper GF
Spider:	Nomex
Plate thickness:	3 mm
Overall diameter:	65 mm
Bolt circle diameter:	73 mm
Baffle cutout dia.:	56 mm
Mounting holes:	4
Depth:	37 mm
Net weight:	0.18 kg

Ordering code:

DR-2.5-003-8R-B2-C0001

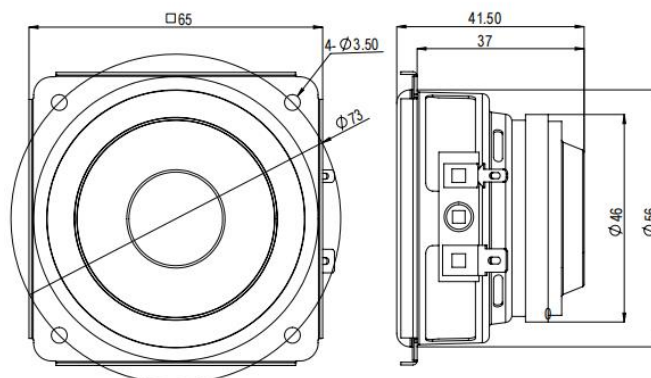
In many cases REDCATT produces 4, 8 and 16 ohm versions — indicate what impedance you need in your request.

Frequency response & Impedance



Frequency response measured on IEC baffle

2D drawing



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