2" 22NFR

Fullrange

Key features:

- **FULL-RANGE FREQUENCY RESPONSE**
- **OPTIMIZED FREQUENCY RESPONSE**
- **USAGE IN HOME HI-FI, TV BARS, COLUMNS SYSTEMS AND ARRAYS**

Design notes:

This small, but mighty, driver was designed for application where full-range frequency response from one unit is required.

Magnetic circuit is designed with neodymium slug and u-cup steel. This circuit delivers very good level of performance in compact and a cost effective way.

Very lightweight cone with attached rubber surround ensures good pistonic behavior across wide frequency range.

REDCATT has designed new basket for this application. The basket features front flange all around, which improves the mechanical rigidity of the chassis. The driver can be either front or back mounted onto the baffle.

Due to its compact size, yet excellent acoustical performance, the 22NFR can be used in variety of applications, from column speakers, multi-way systems, portable products, etc.

Specifications:

General specs	
Nominal Diameter:	2 "
Rated Impedance:	8 ohm
Power handling	
AES Power:	20 watts
Program Power:	40 watts
Peak Power:	80 watts
Voice Coil	
Diameter:	25.4 mm
Winding wire:	CCAW
Former:	kapton
Winding height:	5.5 mm

T/S Parameters	
Resonant frequency:	255 Hz
Re:	5.6 ohm
Qes:	0.98
Qms:	6.46
Qts:	0.85
Vas:	0.08 liters
Sd:	15.9 cm²
Sensitivity:	85.04 dB
Mms:	1.67 grams
Bl:	3.91
Le:	0.06 mH

Design details	
Surround Material:	fabric
Cone material:	Paper GF
Spider:	Conex
Plate thickness:	4 mm
Overall diameter:	60.5 mm
Bolt circle diameter:	64 mm
Baffle cutout dia.:	52 mm
Mounting holes:	4
Depth:	35.5 mm
Net weight:	0.12 kg

Ordering codes:

DR-2-003-8R-B2-C0001

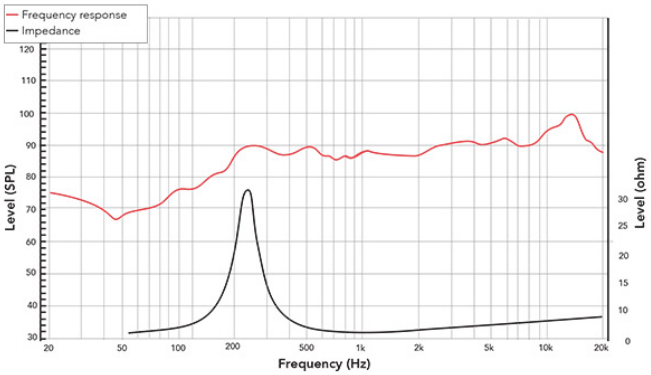
Legacy code: **22NFRX8-462A**

Recone kits:

RC22NFRX8-462A

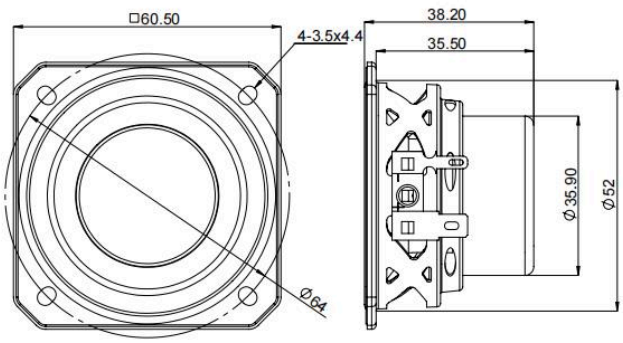
In many cases REDCATT produces 4, 8 and 16 ohm versions — indicate what impedance you need in your request.

Frequency response & Impedance



Frequency response measured on IEC baffle

2D drawing



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