

2"**22NFR****Full-range****REDCATT****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 piston 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: 1 in.

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 dB

Mms: 1.67 grams

Bl: 3.91

Le: 0.06 mH

Design details

Surround Material: Fabric

Cone material: Paper

Spider: Conex

Plate thickness: 4 mm

Peak to peak linear cone displacement: 3.6 mm

Overall diameter: 60.5 mm

Bolt circle diameter: 64 mm

Baffle cutout dia.: 52 mm

Number of mounting holes: 4

Depth (flange to rear): 35.5 mm

Net weight: 0.12kg

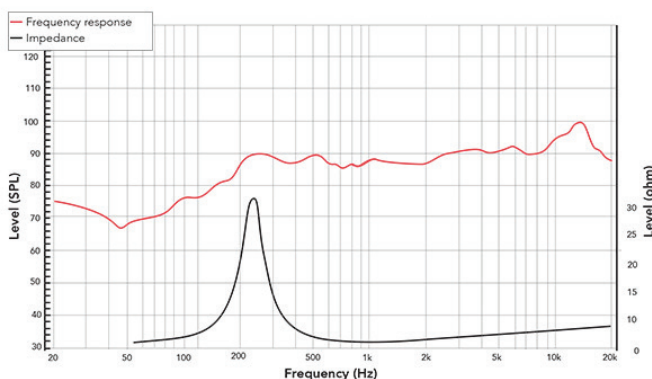
Ordering codes:

22NFR-X8 ohm-462A

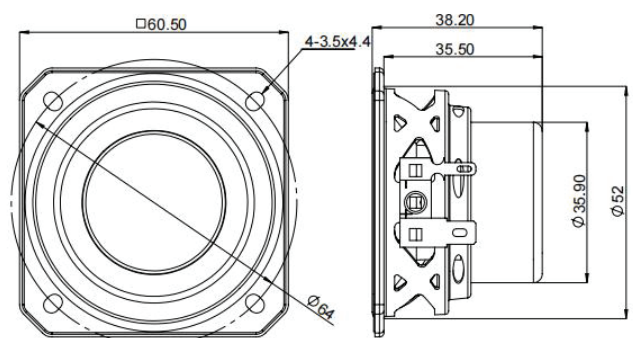
Recone kits:

RC22NFRX-462A

In many cases REDCATT produces 4 ohms, 8 ohms and 16 ohms versions. Indicate what impedance do you need in your request.

Frequency response & Impedance

Frequency response measured on IAC baffle

2D drawing

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