

**2"****21NFR****Full-range****REDCATT****Key features:**

- COMPACT, FULL-RANGE DESIGN
- HIGHLY EFFICIENT MAGNETIC STRUCTURE
- HIGH POWER HANDLING CAPABILITY

**Design notes:**

Introducing the 21NFR - a small driver with a mighty punch! This gem was developed to deliver a full range of frequencies, from rich bass to crystal-clear highs, making it the perfect choice for portable products, bookshelf speakers, and array applications in columns.

What sets the 21NFR apart is its full-range behavior, eliminating the need for additional tweeters while still achieving excellent

sound quality. Our extensive experience in designing highly efficient transducers shines through in this driver, offering top-notch performance without breaking the bank.

The u-cup style magnetic system is optimized to deliver consistent magnetic flux to the voice coil across the entire operational range, ensuring a powerful and consistent audio experience. Plus, with a lightweight yet robust cone attached to our specially

crafted rubber blend surround, the 21NFR is designed to handle low frequencies with ease while also excelling as a high-frequency device.

Get ready to experience the power and versatility of the 21NFR - where small size meets massive performance.

**Specifications:****General specs**

Nominal Diameter: 2"  
Rated Impedance: 16 ohm

**Power handling**

AES Power: 10 watts  
Program Power: 20 watts  
Peak Power: 40 watts

**Voice Coil**

Diameter: 0.8 in.  
Winding wire: CCAW  
Former: kapton  
Winding height: 6.4 mm

**T/S Parameters**

Resonant frequency: 157 Hz  
Re: 10.2 ohm  
Qes: 0.82  
Qms: 3.8  
Qts: 0.68  
Vas: 0.25 liters  
Sd: 16.62 cm<sup>2</sup>  
Sensitivity: 85 dB  
Mms: 1.59 grams  
Bl: 4.4  
Le: 0.1 mH

**Design details**

Surround Material: Rubber  
Cone material: Paper  
Spider: Nomex  
Plate thickness: 4 mm  
Peak to peak linear cone displacement: 8.2 mm  
Overall diameter: 57.3 mm  
Bolt circle diameter: 45.45 mm  
Baffle cutout dia.: 50.5 mm  
Number of mounting holes: 4  
Depth (flange to rear): 34.5 mm  
Net weight: 119g

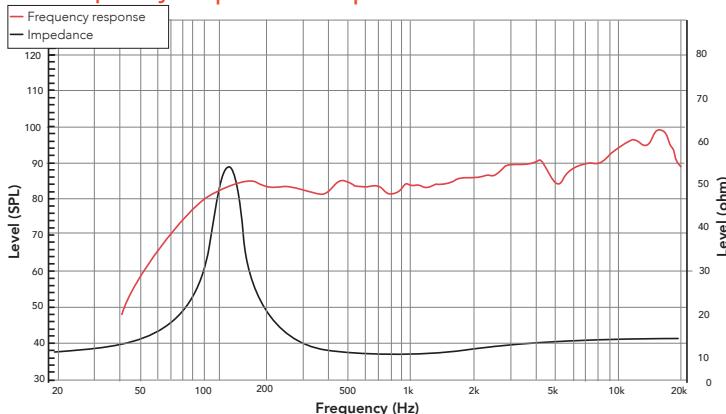
**Ordering codes:**

21NFR-X16 ohm-393D

**Recone kits:**

RC21NFRX-393D

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****2D drawing**