2" 21NFR

Fullrange

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:	**20.3 mm**
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 cm²**
Sensitivity:	**84.7 dB**
Mms:	**1.59 grams**
Bl:	**4.4**
Le:	**0.1 mH**

Design details	
Surround Material:	**NBR**
Cone material:	**Paper CF**
Spider:	**Nomex**
Plate thickness:	**4 mm**
Overall diameter:	**57.3 mm**
Bolt circle diameter:	**45.45 mm**
Baffle cutout dia.:	**50.5 mm**
Mounting holes:	**4**
Depth:	**34.5 mm**
Net weight:	**0.119 kg**

Ordering codes:

DR-2-002-16R-B2-C0001

Legacy code: **21NFRX16-393D**

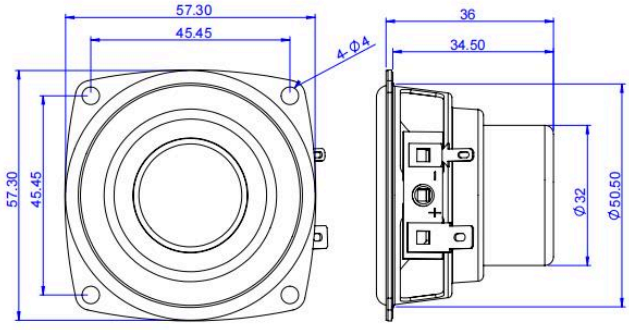
Recone kits:

RC21NFRX16-393D

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

Frequency response & Impedance

2D drawing



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