

2"**20NFR****Full-range****Key features:**

- VERY COMPACT AND AFFORDABLE DESIGN
- LIGHTWEIGHT CONE ASSEMBLY

Design notes:

20NFR was designed for applications where true full-range frequency response from one driver is required. From low to up to 17kHz, this driver truly delivers that. With additional DSP, the driver can be used from about 60Hz up.

We have developed very lightweight foam surround material. This material is our preference anywhere where we are designing larger cone excursions, yet lightweight piston is required. It delivers

excellent acoustical properties without the mass penalties.

The magnetic circuit was designed around neodymium slug magnets, with u-cup style steel. The circuit delivers very high performance in very small and lightweight form factor.

Specifications:**General specs**

Nominal Diameter: 2"

Rated Impedance: 4 ohm

Power handling

AES Power: 10 watts

Program Power: 20 watts

Peak Power: 40 watts

Voice Coil

Diameter: 0.75 in.

Winding wire: Aluminum

Former: kapton

Winding height: 8.5 mm

T/S Parameters

Resonant frequency: 185 Hz

Re: 3.6 ohm

Qes: 0.54

Qms: 10.3

Qts: 0.52

Vas: 0.09 liters

Sd: 11.34 cm²

Sensitivity: 83 dB

Mms: 1.37 grams

Bl: 3.24

Le: 0.08 mH

Design details

Surround Material: Foam

Cone material: Paper

Spider: Nomex

Plate thickness: 3 mm

Peak to peak linear cone displacement: 6 mm

Overall diameter: 48 mm

Bolt circle diameter: 56 mm

Baffle cutout dia.: 42.9 mm

Number of mounting holes: 4

Depth (flange to rear): 29 mm

Net weight: 0.08kg

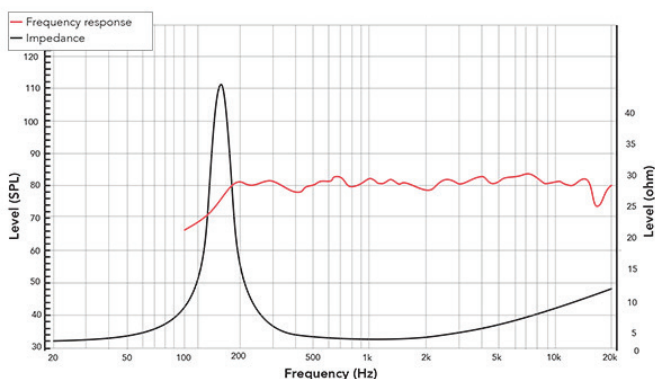
Ordering codes:

20NFR-X4 ohm-345A

Recone kits:

RC20NFRX-345A

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