

2" 20NFR

Fullrange



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:	19 mm
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 cm ²
Sensitivity:	83.03 dB
Mms:	1.37 grams
Bl:	3.24
Le:	0.08 mH

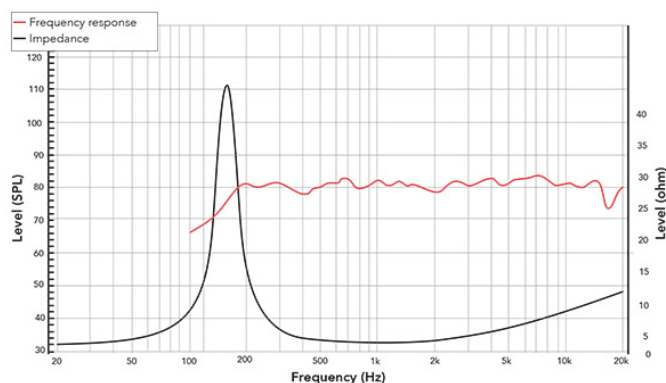
Design details	
Surround Material:	Foam
Cone material:	Paper GF
Spider:	Nomex
Plate thickness:	2.5 mm
Overall diameter:	48 mm
Bolt circle diameter:	56 mm
Baffle cutout dia.:	42.9 mm
Mounting holes:	4
Depth:	29 mm
Net weight:	0.08 kg

Ordering code:

DR-2-001-4R-B2-C0001

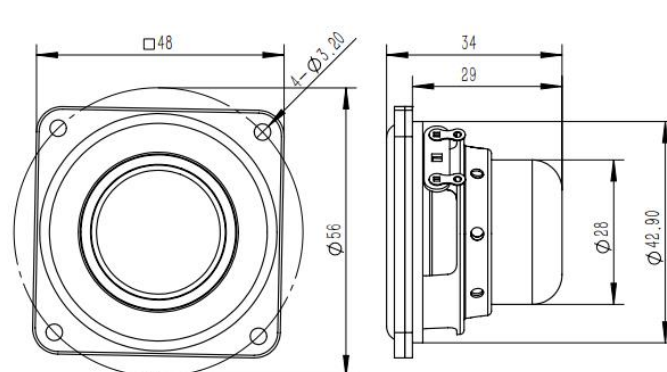
In many cases REDCATT produces 4, 8 and 16 ohm versions — indicate what impedance you need in your request.

Frequency response & Impedance



Frequency response measured on IEC baffle

2D drawing



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