

1"**252TN**

Neodymium Tweeter



Key features:

- HELMHOLTZ RESONANT CHAMBER
- COMPACT AND LIGHT-WEIGHT
- LOW FS

Design notes:

Introducing the 252TN, the latest innovation in our compact tweeter lineup. Engineered with a natural fiber silk dome, this tweeter is crafted from the ground up using advanced FEM tools, paired with a highly optimized neodymium-based magnetic circuit and a finely tuned Helmholtz resonant chamber.

The result? An exceptionally high-performing tweeter that excels in a variety

of applications, from smaller bookshelf speakers and portable systems to high-fidelity floor-standing towers and automotive audio. Its low resonant frequency enables a lower crossover point, enhancing overall sound quality.

Designed for versatility, the 252TN is fully weather-sealed, making it ideal for even the most demanding environments. Elevate your audio experience

with the 252TN, where cutting-edge technology meets outstanding performance.

Specifications:

General specs

Nominal Diameter: 1"

Rated Impedance: 4 ohm

Power handling

AES Power: 10 watts

Program Power: 20 watts

Peak Power: 40 watts

Voice Coil

Diameter: 1 in.

Winding wire: CCAW

Former: Aluminum

T/S Parameters

Resonant frequency: 850 Hz

Nominal sensitivity: 93 dB

Re: 3.5 ohm

Le: n/a mH

Design details

Dome Material: Teteron

Surround material: Teteron

Magnet material: Neodymium

Overall diameter: 69.8 mm

Bolt circle diameter: 58.8 mm

Throat diameter: n/a mm

Number of mounting holes: 3

Depth (front to rear): 33.3 mm

Net weight: 0.1kg

Ordering codes:

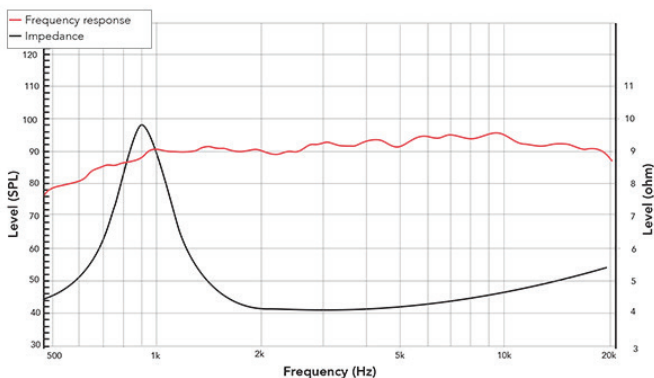
252TNX-563A

Recone kits:

RC252TNX-563A

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

