

1" 252TN

Tweeter



Key features:

- HELMHOLTZ RESONANT CHAMBER
- COMPACT AND LIGHTWEIGHT
- 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:	25.4 mm
Winding wire:	CCAW
Former:	Aluminum
Winding height:	1.6 mm

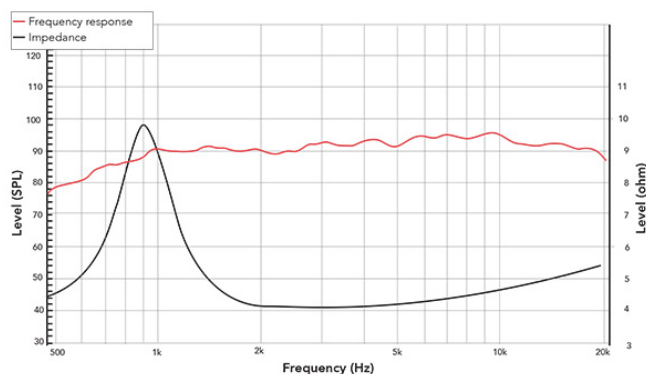
T/S Parameters	
Resonant frequency:	850 Hz
Re:	3.5 ohm
Sensitivity:	93 dB

Design details	
Dome Material:	Silk
Surround material:	Silk
Magnet material:	Neodymium
Overall diameter:	69.8 mm
Bolt circle diameter:	58.8 mm
Baffle cutout dia.:	42.5 mm
Mounting holes:	3
Depth:	33.3 mm
Net weight:	0.1 kg

Ordering codes:	
HF-1-006-4R-B2-C0001	
Legacy code: 252TNX4-563A	
Recone kits:	
RC252TNX4-563A	

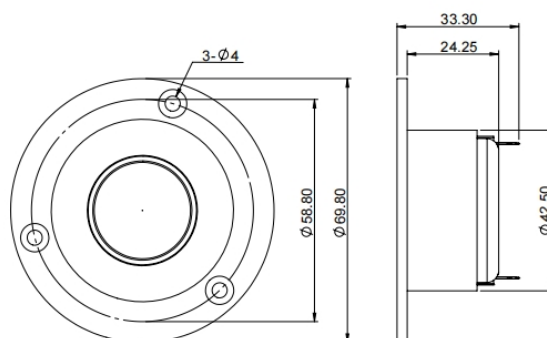
In many cases REDCATT produces 4, 8 and 16 ohm versions — indicate what impedance you need in your request.

Frequency response & Impedance



Frequency response measured on IEC baffle

2D drawing



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