

1" 25TN-4

Tweeter



Key features:

- VERY HIGH SENSITIVITY
- LOW RESONANCE FREQUENCY
- HIGH POWER HANDLING

Design notes:

The 25TN tweeter has a very low resonance frequency, making it possible to work with larger sized mid-woofers.

The tweeter has a designed-in acoustical phase plug, that ensures the off-axis good response and also increases acoustical pressure. Integrated small waveguide makes

the usage of this tweeter very easy.

Dual neodymium high-temperature grade neodymium magnets deliver a high-density flux field for the CCAW coil with a minimum amount of flux modulation.

The tweeter has well-balanced performance

and very low harmonic distortion even at high powers.

This tweeter can be used in all application where high SPL and low Fs is required. Line-array systems, Hi-Fi center channels, 2-way and multi-way systems.

Specifications:

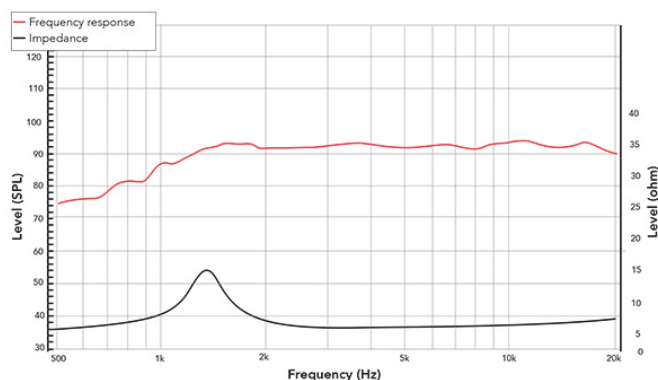
General specs	
Nominal Diameter:	1 "
Rated Impedance:	4 ohm
Power handling	
AES Power:	15 watts
Program Power:	30 watts
Peak Power:	60 watts
Voice Coil	
Diameter:	25.4 mm
Winding wire:	CCA W
Former:	Aluminum
Winding height:	2.2 mm

T/S Parameters	
Resonant frequency:	1250 Hz
Re:	3.4 ohm
Sensitivity:	91 dB

Design details	
Dome Material:	Silk
Surround material:	Silk
Magnet material:	Neodymium
Bolt circle diameter:	58 mm
Mounting holes:	4
Depth:	25.55 mm
Net weight:	0.084 kg

Ordering codes:	
HF-1-009-4R-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

