

1"**25TF**

Ferrite Tweeter



Key features:

- EASY IMPLEMENTATION, INTEGRATED WAVEGUIDE
- WEATHER SEALED
- BALANCED FREQUENCY RESPONSE, LOW RESONANT FREQUENCY

Design notes:

25TF ferrite based tweeter was designed for high quality audio applications. It sports aluminum dome, carefully attached to poly-silk surround. Furthermore, the magnetic system and dome sub-assembly is inbuilt into carrier that is later further assembled with our waveguide.

The magnetic circuit delivers robust and consistent B field. Its design has been FEM optimized and features small resonant chamber. All metal parts are coat-

ed for weather protection.

The dome is carefully attached to CCAW winding voice coil, wound on a Kapton former. Our precision adhesive dispensing ensures consistency and reliability of all our products.

The best application of this device is in studio monitors, 2-way Hi-Fi systems as well as outdoor products.

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:	CCA W
Former:	Aluminum

T/S Parameters

Resonant frequency:	1500 Hz
Nominal sensitivity	90 dB
Re:	4 ohm
Le:	n/a mH

Design details

Dome Material:	Aluminum
Surround material:	silk
Magnet material:	Ferrite
Overall diameter:	103.5 mm
Bolt circle diameter:	93.5 mm
Throat diameter:	n/a mm
Number of mounting holes:	4
Depth (front to rear):	34.2 mm
Net weight:	524g

Ordering codes:

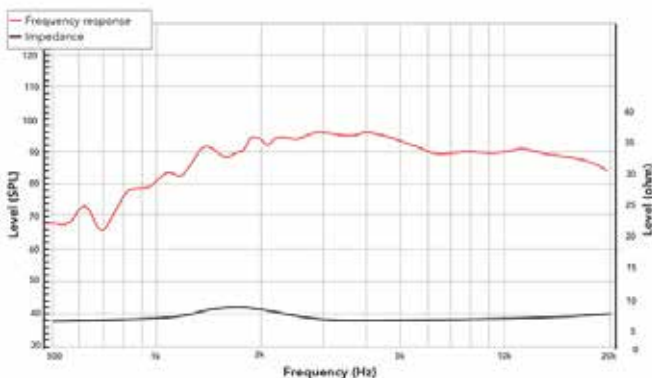
25TFX-431A

Recone kits:

RC25TFX-431A

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

