



**Key features:**

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

**Design notes:**

25TF ferrite based tweeter was design 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 coated 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: CCAW

Former: Aluminum

**T/S Parameters**

Resonant frequency: 1500 Hz

Nominal sensitivity 90 dB

Re: 3.6 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:**

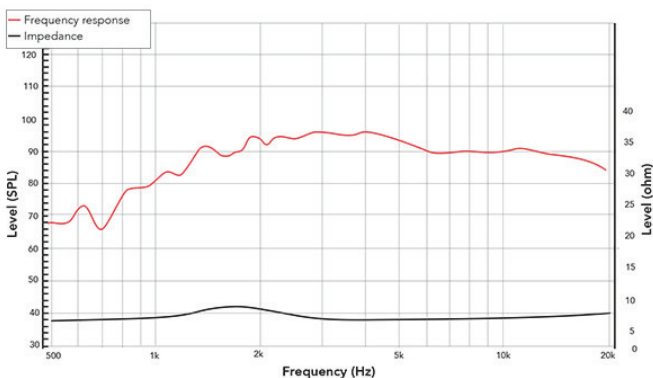
25TFX-431A

**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**

