

1" 25TF-2

Tweeter



Key features:

- EASY IMPLEMENTATION, INTEGRATED WAVEGUIDE

- WEATHER SEALED

- BALLANCED FREQUENCY RESPONSE, LOW RESONANT FREQUENCY

Design notes:

25TF ferrite based tweter 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 precission 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:	25.4 mm
Winding wire:	CCAW
Former:	Aluminum
Winding height:	1.6 mm

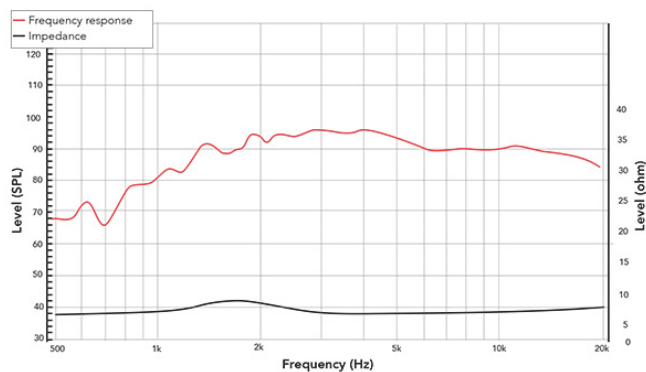
T/S Parameters	
Resonant frequency:	1500 Hz
Re:	3.6 ohm
Sensitivity:	89.5 dB

Design details	
Dome Material:	Aluminum
Surround material:	Silk
Magnet material:	Ferrite
Overall diameter:	103.5 mm
Bolt circle diameter:	93.5 mm
Mounting holes:	4
Depth:	34.2 mm
Net weight:	0.524 kg

Ordering codes:	
HF-1-007-4R-B2-C0001	
Legacy code: 25TFX4-431A	
Recone kits:	
RC25TFX4-431A	

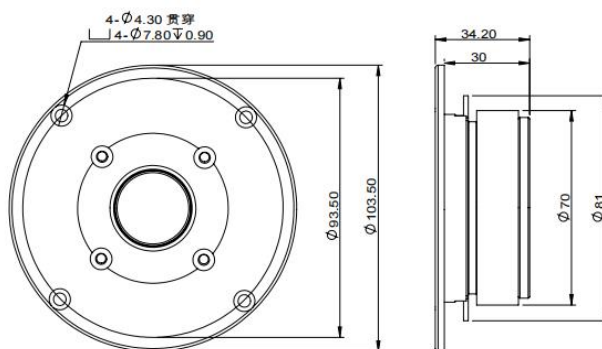
In many cases REDCATT produces 4, 8 and 16 ohm versions — indicate what impedance you need in your request.

Frequency response & Impedance



Frequency response measured on IEC baffle

2D drawing



info@redcatt.net

www.redcatt.net