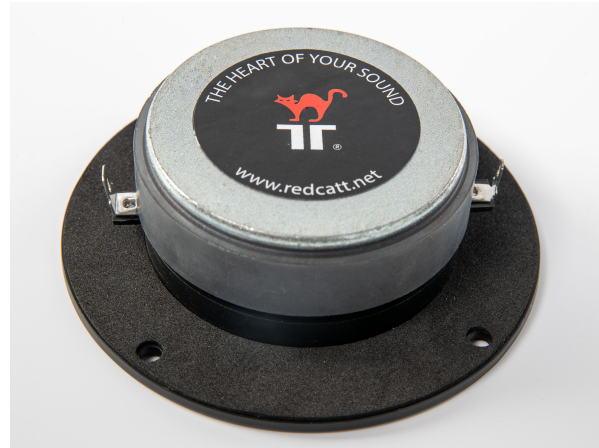
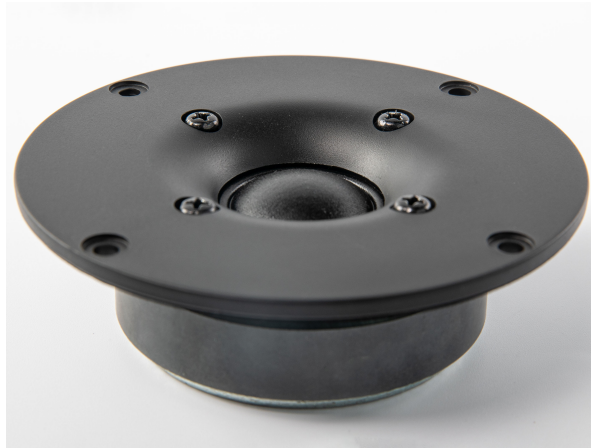


1" 25TF-3

Tweeter



Key features:

- LOW RESONANT FREQUENCY, HIGH SPL
- SMOOTH FREQUENCY RESPONSE
- EASY CROSSOVER DESIGN POSSIBLE

Design notes:

25TF ferrite based tweeter was design for high quality audio applications. It sports single piece poly-silk dome, formed together with 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.

This version of 25TF style tweeter shares all components with aluminum dome version 25TF. The difference is only the dome itself.

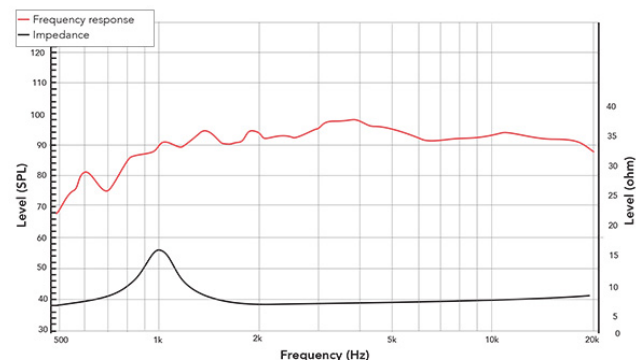
While aluminum dome delivers crisp HF, the poly-silk dome is dampened in the high frequencies and has a smoother roll off. Each version has its own application, that perhaps depends on personal preferences of the audio engineer.

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

Specifications:

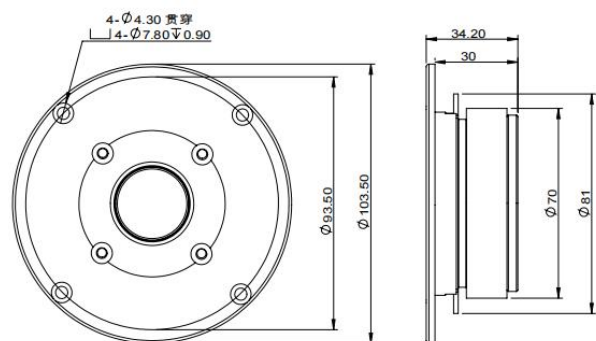
General specs		T/S Parameters		Design details		Ordering codes:	
Nominal Diameter:	1 "	Resonant frequency:	1000 Hz	Dome Material:	Silk	HF-1-008-4R-B2-C0001	
Rated Impedance:	4 ohm	Re:	3.8 ohm	Surround material:	Silk	Legacy code: 25TFX4-431B	
Power handling		Sensitivity:	89.5 dB	Magnet material:	Ferrite	Recone kits:	
AES Power:	10 watts			Overall diameter:	103.5 mm	RC25TFX4-431B	
Program Power:	20 watts			Bolt circle diameter:	93.5 mm	In many cases REDCATT produces 4, 8 and 16 ohm versions — indicate what impedance you need in your request.	
Peak Power:	40 watts			Mounting holes:	4		
Voice Coil				Depth:	34.2 mm		
Diameter:	25.4 mm			Net weight:	0.524 kg		
Winding wire:	CCAW						
Former:	Aluminum						
Winding height:	1.6 mm						

Frequency response & Impedance



Frequency response measured on IEC baffle

2D drawing



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