

1"**33TN**

Neodymium Tweeter



Key features:

- SMOOTH FREQUENCY RESPONSE, WORKING RANGE FROM 1,200HZ ~ 25KHZ
- HIGH POWERHANDLING
- VERY COMPACT SIZE, SHALLOW DEPTH

Design notes:

33TN tweeter was developed for system applications where high SPL and high power handling is required. The tweeter is supplied as 'bullet' in general terms, however based upon a request, our engineers can recommend or design waveguide for your application.

The tweeter sports large surround and unusually tall dome. This combination provides excellent low frequency behaviour and smooth frequency response.

The magnetic structure utilizes high grade neodymium magnets and u-cup style steel. Overall the structure delivers very high performance with consistent BL field.

Connection is made with solder lugs. Based upon request, we can deliver this tweeter with soldered wire harness as per your specifications.

Intended applications are array systems, hi-SPL 2-way and multiway speaker systems and automotive applications.

Specifications:

General specs

Nominal Diameter: 1"
Rated Impedance: 8 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: 1200 Hz
Nominal sensitivity: 92 dB
Re: 6 ohm
Le: n/a mH

Design details

Dome Material: silk
Surround material: silk
Magnet material: Neodymium
Overall diameter: 48 mm
Bolt circle diameter: n/a mm
Throat diameter: n/a mm
Number of mounting holes: n/a
Depth (front to rear): 20.7 mm
Net weight: 70g

Ordering codes:

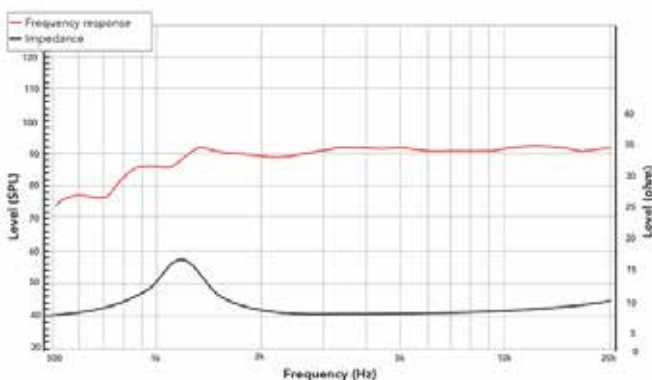
33TNX-410B

Recone kits:

RC33TNX-410B

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

