

1"

16TN

Neodymium Tweeter



Key features:

- SMALL SYSTEMS WITH LIMITED Baffle SPACE
- WORKING RANGE UP TO 20KHZ
- LIGHTWEIGHT. IDEAL FOR PORTABLE PRODUCTS.

Design notes:

The 16TN tweeter was designed with a small form factor in mind. It finds its best use in applications where the baffle space is limited. It is a high performance, high frequency device with extended HF frequency range well over 20kHz. .

Diaphragm Assembly

The driver features a 16mm Poly-silk diaphragm formed as single piece with

suspension. The dome rests on plastic carrier that also consists two mounting holes.

The dome is carefully attached to a 16mm aluminum former voice coil. Further, a common sized connector is used. Optionally, the connector can be replaced by another type that would suit the best your application, or completely replaced by conventional

fast-on terminals.

Magnetic system uses high-temperature grade neodymium, ensuring the longevity of this tweeter.

Specifications:

General specs

Nominal Diameter: 1"

Rated Impedance: 4 ohm

Power handling

AES Power: 5 watts

Program Power: 10 watts

Peak Power: 20 watts

Voice Coil

Diameter: 0.6 in.

Winding wire: CCAW

Former: Aluminum

T/S Parameters

Resonant frequency: 2000 Hz

Nominal sensitivity 82 dB

Re: 4.0 ohm

Le: n/a mH

Design details

Dome Material: Silk

Surround material: Silk

Magnet material: Neodymium

Overall diameter: 26 mm

Bolt circle diameter: 31.8 mm

Throat diameter: n/a mm

Number of mounting holes: 2

Depth (front to rear): 13.5 mm

Net weight: 25g

Ordering codes:

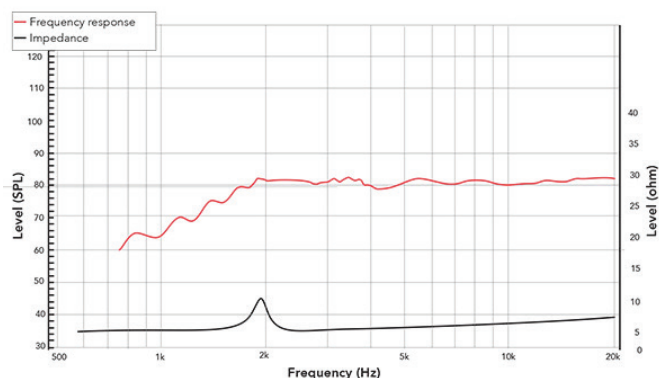
16TNX-182

Recone kits:

RC16TNX-182

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

