Product Description:

This TC family 2 inch 4 ohm full-range driver, with neodymium magnet, paper cone and rubber surround, and steel basket, is designed to be a cost-effective high performance full range driver. The cone utilizes Tymphany-patented PentaCut NRSC cone technology to help dampen and control cone resonances, optimizing the listening experience. The motor contains a copper cap to lower inductance and distortion. The product was designed with television and other compact applications in mind.

Specifications:

- DC Resistance $R_{dc}$ $\Omega$ 3.4 7.5%
- Minimum Impedance $Z_{min}$ $\Omega$ 3.89 7.5%
- Resonant Frequency $f_r$ Hz 181 15.0%
- Mechanical Q Factor $Q_m$ - 3.61
- Electrical Q Factor $Q_e$ - 1.02
- Total Q Factor $Q_t$ - 0.80
- Ratio $f_r / Q_t$ $f_r / Q_t$ 227
- Half Space Sensitivity @ 2.83V dB@2.83V/1m dB 86.1 $\pm$1.0
- Sensitivity @ 1W/1m dB 82.9 $\pm$1.0
- Rated Noise Power (IEC 2685-18.1) P W 15
- Test Spectrum Bandwidth 150Hz - 20kHz 12 dB/Oct

1 - Piston Band Sensitivity Tolerance

Frequency and Impedance Response: