Product Description:

This DX family tweeter features a 8 Ω 19 mm voice coil, a damped silk diaphragm with large surround roll to produce a low resonant frequency, and a ferrite magnet motor which adds heat sinking for power handling capacity. The faceplate features recessed mounting holes to minimize reflections.

Specifications:

- DC Resistance $R_{\text{dc}}$: 7.5 ±7.5%
- Minimum Impedance $Z_{\text{min}}$: 8.3 ±7.5%
- Voice Coil Inductance $L_{\text{vc}}$: 0.02 mH
- Resonant Frequency $f_{\text{r}}$: 810 ±20%
- Mechanical Q Factor $Q_{\text{m}}$: 2.9
- Electrical Q Factor $Q_{\text{e}}$: 4.23
- Total Q Factor $Q_{\text{t}}$: 1.71
- Ratio $f_{\text{t}}/Q_{\text{m}}$: 474
- Half Space Sensitivity @ 2.83V $S_{\text{half}}$: 86.1 ±1.0 dB
- Sensitivity @ 1W/1m $S_{\text{1W/1m}}$: 85.8 ±1.0 dB
- Voice Coil Former Material $V_{\text{fm}}$: ASV
- Voice Coil Inner Diameter $V_{\text{d}}$: 19.3 mm
- Gap Height $G$: 0.12 mm
- Maximum Linear Excursion $X_{\text{max}}$: 0.10 mm
- Ferrofluid Type FF: APG027N
- Transducer Size - : 19 mm
- Transducer Mass - : 0.169 Kg

Frequency and Impedance Response: