

● *Tweeter model: AUGDL2087-JN01*

This compact 8 ohm dome tweeter have been newly designed with 1 inch PECCAW voice coil, upgraded Textile dome diaphragm and Neodymium ferro fluid magnet motor system to provide excellent sound experience. This splendid unit is the new benchmark for bookshelf driver.

● *Transducer front and side images:*



Prototype

● *Specifications:*

T-S Parameters

Resonance frequency [fs]	900 Hz
Mechanical Q factor [Qms]	2.64
Electrical Q factor [Qes]	2.02
Total Q factor [Qts]	1.14
Force factor [Bl]	2.53 Tm
Mechanical resistance [Rms]	0.64 kg/s
Moving mass [Mms]	0.3 g
Compliance [Cms]	0.1 mm/N
Effective diaph. diameter [D]	31 mm
Effective piston area [Sd]	7.55 cm ²
Equivalent volume [Vas]	0.0083 l
Sensitivity (2.83V/1m)	91 dB
Ratio Bl/√Re	0.93 N/√W
Ratio fs/Qts	789 Hz

Electrical Data

Nominal impedance [Zn]	8 Ω
Minimum impedance [Zmin]	7.6 Ω
Maximum impedance [Zo]	11 Ω
DC resistance [Re]	7.3 Ω
Voice coil inductance [Le]	0.037 mH

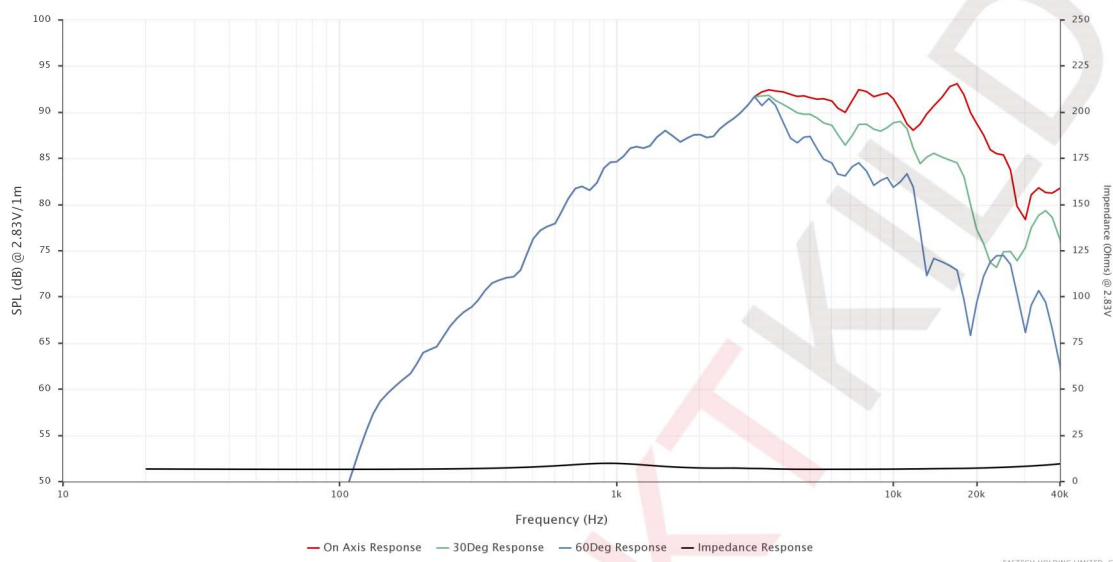
Power Handling

100h RMS noise test (IEC 18.4)	10 W
Long-term max power (IEC 18.2)	- W

Voice Coil & Magnet Data

Voice coil diameter	25.4 mm
Voice coil height	2.1 mm
Voice coil layers	2
Height of gap	2 mm
Linear excursion	± 0.05 mm
Max mech. excursion	± - mm
Unit weight	0.011 kg

● Frequency Response / Impedance Curve:



● Transducer front and side images:

