

Datasheet updated: 21-11-2019

Tweeter model: AUGDL0003-JN05

This 1 inch tweeter, features 4 inch Aluminum alloy front panel, Al-Mg alloy dome with soft surround, and ferrite magnet motor system. It has good process ability and high yield for mass production. Because of this special raw material structure and unique processing technology, the attributes of Aluminum offer high strength, good rigidity, good heat resistance, low density and so on.

Transducer front and side images:



• Specifications:

T-S Parameters

Resonance frequency [fs]
Mechanical Q factor [Qms]
Electrical Q factor [Qes]
Total Q factor [Qts]
Force factor [BI]
Mechanical resistance [Rms]
Moving mass [Mms]
Compliance [Cms]
Effective diaph. diameter [D]
Effective piston area [Sd]
Equivalent volume [Vas]
Sensitivity (2.83V/1m)
Ratio BI/√Re
Ratio fs/Qts

Electrical Data

656 Hz 1.403 1.212 0.65 2.258 Tm 1.083 kg/s 0.369 g

0.16 mm/N

30 mm

7.07 cm² 0.0113 l 90 dB 1.20 N/√W 1009.2 Hz

Nominal impedance [Zn]	4 Ω	Voice co
Minimum impedance [Zmin]	3.95 Ω	Voice co
Maximum impedance [Zo]	6.82 Ω	Voice co
DC resistance [Re]	3.53 Ω	Height o
Voice coil inductance [Le]	0.016 mH	Linear e
		Max me
		Linit wo

20 W

30 W

Voice Coil & Magnet Data Voice coil diameter

Voice coil diameter	25.4 mm
Voice coil height	2.1 mm
Voice coil layers	2
Height of gap	2.5 mm
Linear excursion	± 0.2 mm
Max mech. excursion	± - mm
Unit weight	0.66 kg

Power Handling 100h RMS noise test (IEC 18.4) Long-term max power (IEC 18.2)



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• Frequency Response / Impedance Curve:



• Transducer front and side images:

