

Woofer model: FSB022540-0402

This 4 inch 4 ohm Woofer driver, with 1 inch voice coil copper wire, Aluminum former, damping glue coated PULP cone and rubber surround. The long-throw voice coil ensures linear high excursion. The Aluminum former are vented holes so as to reduce air compression effects. Additionally, coated paper cones come equipped with special-designed roll rubber surrounds can get smooth response curve.

Transducer front and side images:





Specifications:

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1-5 Parameters	
Resonance frequency [fs]	78.8 Hz
Mechanical Q factor [Qms]	5.221
Electrical Q factor [Qes]	0.578
Total Q factor [Qts]	0.520
Force factor [BI]	5.031 Tm
Mechanical resistance [Rms]	0.709 kg/s
Moving mass [Mms]	7.473 g
Compliance [Cms]	0.546 mm/N
Effective diaph. diameter [D]] 85 mm
Effective piston area [Sd]	56.75 cm ²
Equivalent volume [Vas]	2.4877 l
Sensitivity (2.83V/1m)	88 dB
Ratio BI/√Re	2.52 N/√W
Ratio fs/Qts	151.53 Hz

Electrical Data

Nominal impedance [Zn]	4 9
Minimum impedance [Zmin]	4.2 \$
Maximum impedance [Zo]	27.26 \$
DC resistance [Re]	3.95 Ω
Voice coil inductance [Le]	0.29 mH

Power Handling

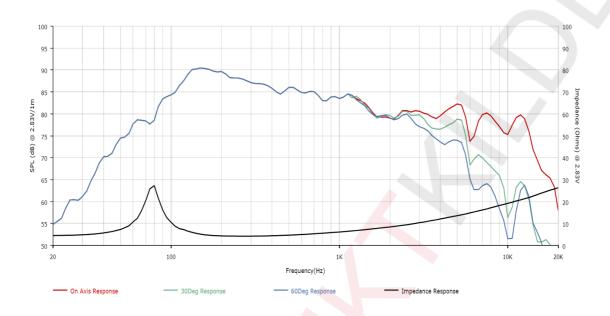
100h RMS noise test (IEC 18.4)	25 W
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Voice Coil & Magnet Data

Voice coil diameter	25.4 mm
Voice coil height	13.2 mm
Voice coil layers	2
Height of gap	6 mm
Linear excursion	± 3.6 mm
Max mech. excursion	± - mm
Unit weight	0.915 kg



• Frequency Response / Impedance Curve:



Transducer front and side images:

