

● *Woofer model: FSB022540-0402*

This 4inch 4ohm Woofer driver, with 1.0" voice coil copper wire, AL former, damping glue coated PULP cone and NBR rubber surround. The long-throw voice coil ensures linear high excursion. The AL former are vented hole 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:*

T-S 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 [Bl]	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 Bl/√Re	2.52 N/√W
Ratio fs/Qts	151.53 Hz

Electrical Data

Nominal impedance [Zn]	4 Ω
Minimum impedance [Zmin]	3.8 Ω
Maximum impedance [Zo]	38.363 Ω
DC resistance [Re]	3.95 Ω
Voice coil inductance [Le]	0.29 mH

Power Handling

100h RMS noise test (IEC 17.1)	25 W
Long-term max power (IEC 17.3)	- W

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:*

