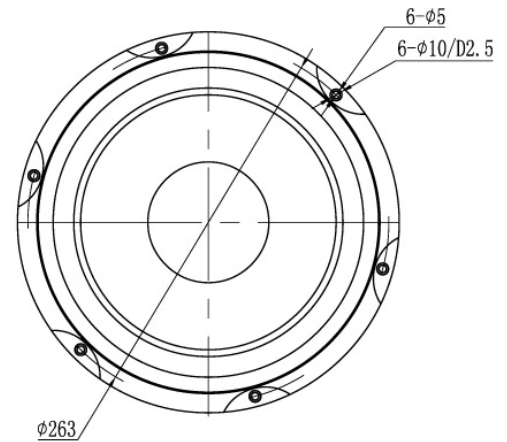
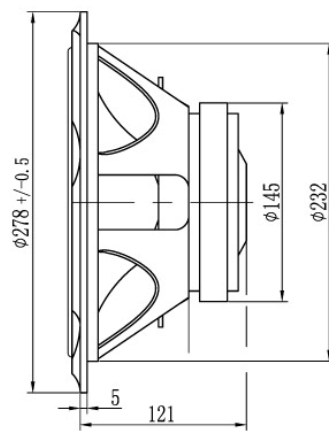
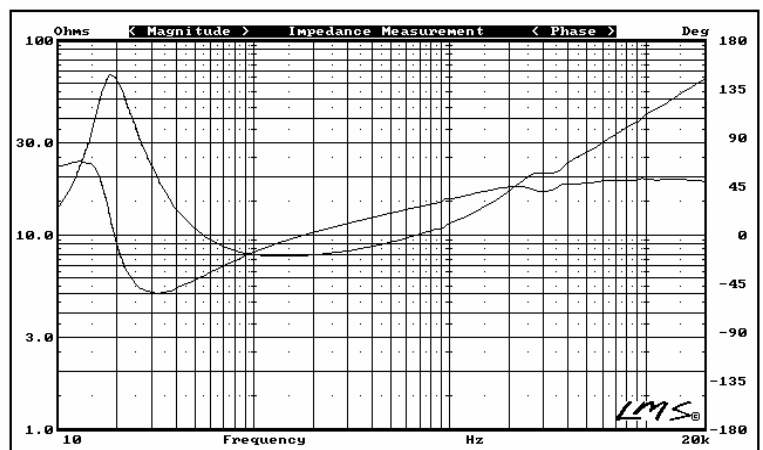
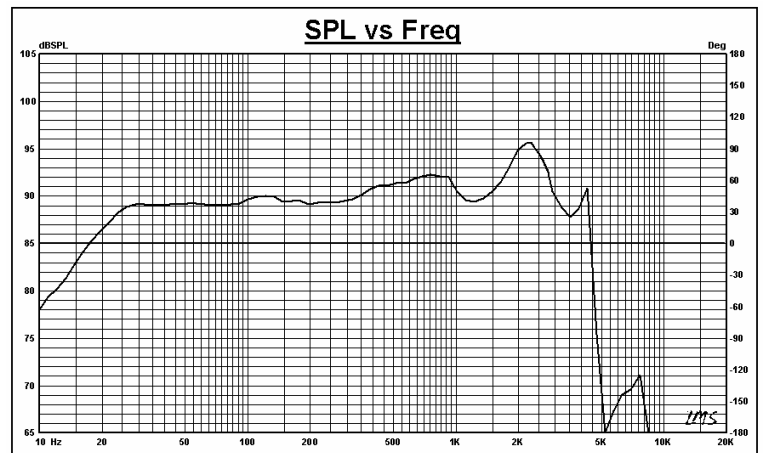


# AC-250F1 Woofer



- Feature:**
- Composite cone of carbon fiber and polypropylene.
  - Al-alloy frame.
  - 50mm / 2" flat CCAW voice coil, Kapton voice coil bobbin.

Nominal power	P	150	W
Sensitivity 1W/1m	SPL	89	dB
Nominal impedance	Z	8	$\Omega$
Frequency range	-	20~3000	Hz
Resonance frequency	F0	20	Hz
DC resistance	Re	7.0	$\Omega$
Mechanical quality factor	Qms	2.75	-
Electrical quality factor	Qes	0.32	-
Total quality factor	Qts	0.29	-
Equivalent volume of air	Vas	224	L
Moving mass	Mms	64.5	g
Effective piston area	S	346	cm <sup>2</sup>
Mechanical suspension compliance	Cms	1.32	mm/N
BL product	BL	11.8	N/A
Flux density	B	1.11	T
Voice coil diameter	$\Phi$	50	mm
Voice coil height	H	15	mm
Voice coil inductance	Lbm	0.67	mH
Linear excursion	Xmax	$\pm 8$	mm
Magnet diameter	$\Phi$	145	mm
Magnet height	H	20	mm
Frame	-	Aluminum	-
Net weight	M	3.94	kg
Outer dimensions	$\Phi$	278	mm
Cutout dimensions	$\Phi$	235	mm
Flange thickness	T	5	mm
Overall depth	D	121	mm



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