10" 160W

Code Z006510

10 D 1,5 CS 8Ω

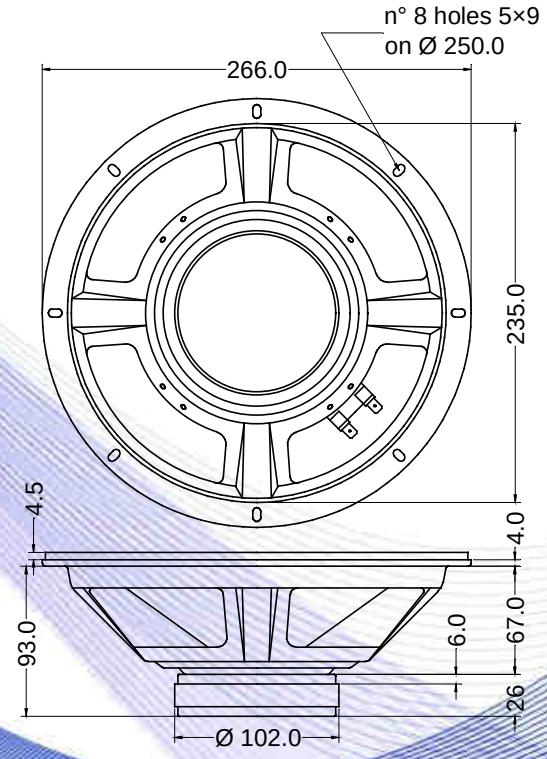
Dual Cone Loudspeaker

- 1,5” voice coil Epotex former
- Ferrite magnet circuit with copper ring
- Dual cone
- 93.9 dB sensitivity

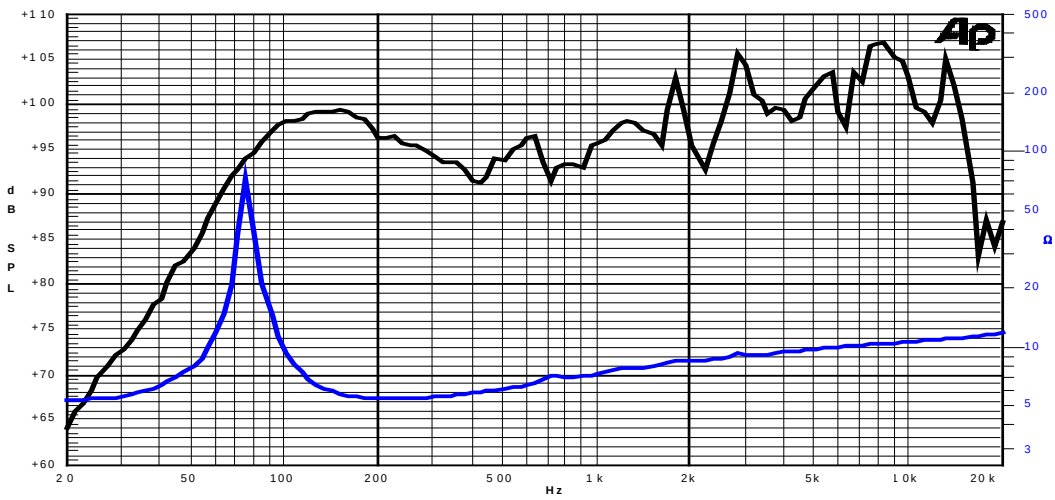
Specifications	
Nominal Diameter	266mm (10")
Nominal Impedance	8Ω
Rated Power AES (1)	80W
Continuous Program Power (2)	160W
Sensitivity @ 1W/1m (3)	93.9dB
Voice Coil Diameter	38mm (1,5")
Voice Coil Winding Depth	9mm
Magnetic Gap Depth	6mm
Flux Density	0.95T
Magnet Weight	426g
Net Weight	1.9kg

Thiele & Small Parameters (4)			
Re	5.00Ω	Fs	71.0Hz
Qms	12.27	Qes	1.28
Qts	1.16	Mms	22.6g
Cms	222µm/N	Bxl	6.26Tm
Vas	34.5l	Sd	330.1cm^2
X max(5)	+/-2.2mm	X var (6)	+/-4.5mm
η_0	0.92%	Le (1kHz)	0.26mH

Constructive Characteristics	
Magnet	: Ferrite
Basket Material	: Pressed Sheet Steel
Voice Coil Winding Material	: Copper
Voice Coil Former Material	: Epotex
Cone Material	: Paper
Cone Treatment	: No
Surround Material	: Paper - Integrated
Dust Dome Material	: Non Treated Cloth



Frequency Response on IEC Baffle (DIN 45575) @ 1W,1m – Free Air Impedance



Note:
1 : Rated Power measured with 2 hours test with pink noise signal, 6dB crest factor, loudspeaker mounted on enclosure
2: Power on Continuous Program is defined as 3 dB greater than the Rated Power
3: Calculated by Thiele & Small parameters
4: Thiele & Small parameters measured with laser system without preconditioning test
5: Measured with respect to a THD of 10% using a parameter-based method
6: Value corresponding to a decay of the Force Factor, or Compliance, or both, equal to the 50% of the small signal value.
7: Drawing dimensions: mm
8: The notch around 400Hz on the frequency response is typical of the measurement on IEC baffle

Due to continuing product improvement, the features and the design are subject to change without notice. 09/11/12

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