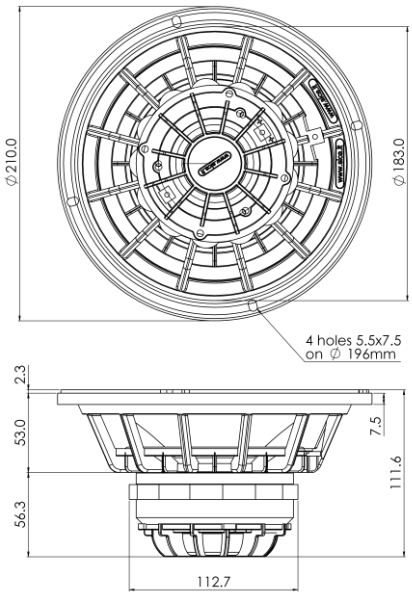
8 Cx 2,5 PL 8+8Ω

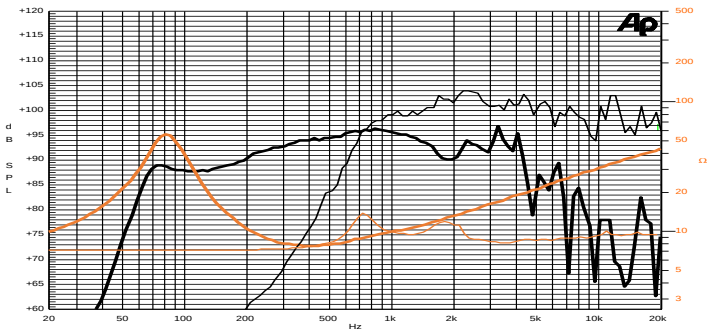
Coaxial

8" | 600 W

Code Z005209P-8+8

- SNDW LF 2,5" Sandwich voice coil Fiberglass former and Aluminium Winding
- HF Polyimide dome 1,7" voice coil Flat Aluminium wire
- DAR Cloth surround with Double Asymmetric Rolls Technology (DAR)
- WpT Waterproof Cone Treatment
- Neodymium Magnet Circuit
- 100° nominal coverage
- 96.7 dB sensitivity
- Frequency Range 75-20000 Hz





Frequency Response on 25 Lt @ 65 Hz Vented Box @ 1W, 1m
Free Air Impedance

General Specifications	LF Unit	HF Unit
Nominal Diameter	210 mm (8")	
Nominal Impedance	8 Ω	8 Ω
Rated Power AES (1)	300 W	60 W
Continuous Program Power (2)	600 W	120 W
Sensitivity @ 1W/1m (3)	96.7 dB	101.3 dB
Voice Coil Diameter	65 mm (2,5 in)	44 mm (1.7 in)
Voice Coil Winding Depth	15 mm	2.6 mm
Magnetic Gap Depth	8 mm	3 mm
HF Recomm. Crossover Frequency		1.6 kHz
Magnet Weight	364 g	
Net Weight	2.3 kg	

Thiele & Small Parameters (4)			
Re (LF)	5.6 Ω	*Fs (LF)*	74.0 Hz
Re (HF)	6.0 Ω	*Fs (HF)*	700 Hz
Qms	2.63	*Qes*	0.32
Qts	0.28	*Mms*	18.5 g
Cms	251 µm/N	*Bxl*	12.34 Tm
Vas	16.2 l	*Sd*	213.8 cm^2
X max (5)	+/-5.0 mm	*X var* (6)	+/-6.5 mm
η_0	1.99 %	*Le (1kHz)*	0.60 mH

Constructive Characteristics	
Magnet	Neodymium
Basket Material	Aluminium Die-Cast
LF Voice Coil Winding/Former Material	Aluminium / Fiberglass
HF Voice Coil Winding/Former Material	Aluminium Flat Wire / Kapton
LF Cone Material	Paper
HF Dome Material	Polyimide
Surround Material	Treated Cloth
HF Spare Part Code	Z009396P-FI

Mounting Information	
Overall Diameter	210 mm
Baffle Cutout Diameter	184 mm
Mounting Holes	4 holes 5,5x7,5 on ø196 mm
Total Depth	111.6 mm

(1) Rated Power measured with 2-hour test with pink noise signal, 6dB crest factor, loudspeaker in free air, power calculated on rated Zmin. **(2)** Power on Continuous Program is defined as 3dB greater than the Rated Power. **(3)** Calculated by Thiele & Small parameters, for SPL average in box refer to frequency response. **(4)** Thiele & Small parameters measured with laser system after preconditioning test. **(5)** Measured with respect to a THD of 10%. **(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.