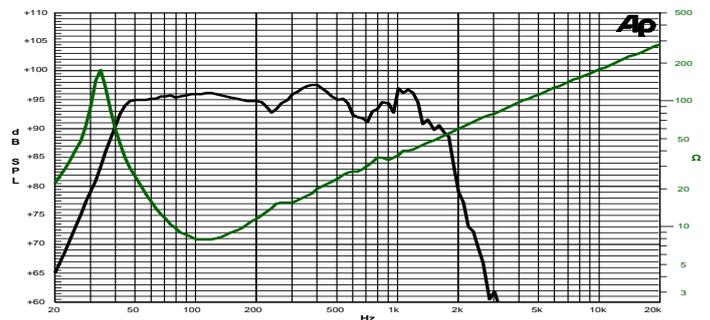
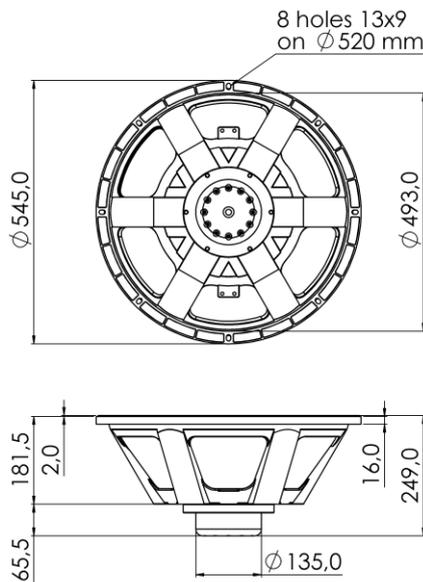


## 21 S 4 PL 8Ω

21" | 2400 W

Code Z008424

- 4" voice coil Fiberglass former
- DCSP Double Cross Spider (DCS) with Progressive Waves
- TR Triple Roll Cloth surround
- AWpT Autoclave Waterproof Cone Treatment
- Neodymium Magnet Circuit
- VM Ventilated Magnet to reduce Power Compression
- 98.8 dB sensitivity
- Frequency Range 35-500 Hz



Frequency Response on 190 Lt @ 40 Hz Vented Box @ 1W, 1m  
Free Air Impedance

### General Specifications

Nominal Diameter	545 mm (21")
Nominal Impedance	8 Ω
Rated Power AES <sup>(1)</sup>	1200 W
Continuous Program Power <sup>(2)</sup>	2400 W
Sensitivity @ 1W/1m <sup>(3)</sup>	98.8 dB
Voice Coil Diameter	100 mm (4")
Voice Coil Winding Depth	23 mm
Magnetic Gap Depth	17 mm
Flux Density	0.89 T
Magnet Weight	536 g
Net Weight	10.5 kg

### Thiele & Small Parameters<sup>(4)</sup>

$R_e$	5.7 Ω	$F_s$	34.6 Hz
$Q_{ms}$	9.95	$Q_{es}$	0.31
$Q_{ts}$	0.30	$M_{ms}$	325.0 g
$C_{ms}$	65 μm/N	$B_{xl}$	36.10 Tm
$V_{as}$	255.0 l	$S_d$	1661.9 cm <sup>2</sup>
$X_{max}^{(5)}$	+/-5.2 mm	$X_{var}^{(6)}$	+/-10.7 mm
$\eta_0$	3.29 %	$L_e$ (1kHz)	1.60 mH

### Constructive Characteristics

Magnet	Neodymium
Basket Material	Aluminium Die-Cast
Voice Coil Winding Material	Copper
Voice Coil Former Material	Fiberglass
Cone Material	Paper
Cone Treatment	Humidity Resistant Pulp
Surround Material	Treated Cloth
Dust Dome Material	Solid Paper

### Mounting Information

Overall Diameter	545 mm
Baffle Cutout Diameter	497 mm
Mounting Holes	8 holes 13x9 on ø520 mm
Total Depth	249 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.