PROFESSIONAL LOUDSPEAKERS

21XL3000

21" - 3000 W - 98 dB - 8 Ohm



NOMINAL SPECIFICATIONS

Nominal Diameter	535 mm (21 in)
Overall Diameter	547 mm (21.54 in)
Bolt Circle Diameter	527 mm (20.75 in)
Baffle Cutout Diameter	508 mm (20.00 in)
Depth	279.5 mm (11.00 in)
Flange and Gasket Thickness	16 mm (0.63 in)
Net Weight	**21.5 kg (47.4 lb)**
Shipping Box (Single Carton Box)	580 x 580 x 323 mm (22.8 x 22.8 x 12.7 in)
Shipping Weight	23.5 kg (51.8 lb)

PART NUMBER

Push Terminals - 8 Ohm Version	05404427

TECHNICAL PARAMETERS

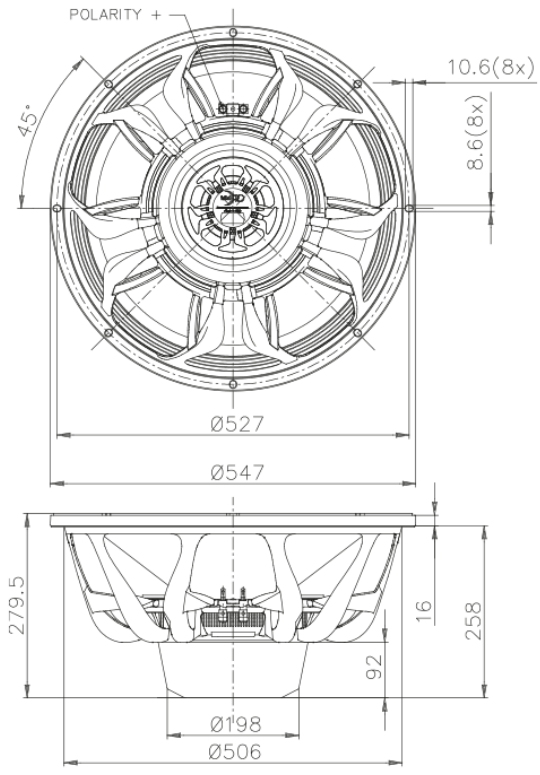
Nominal Impedance	8 Ohm
Minimum Impedance	7 Ohm
AES Power Handling **(1)**	3000 W
Maximum Power Handling (2)	**6000 W**
Sensitivity (1W/1m)	**98 dB**
Frequency Range	30÷1500 Hz
Voice Coil Diameter	**165 mm (6.5 in)**
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	40 mm (1.57 in)
Magnetic Gap Depth	**14 mm (0.55 in)**
Flux Density	1.4 T
Magnet	Neodymium Ring
Basket Material	Aluminum
Demodulation	Aluminum Ring
Cone Surround **(3)**	Triple Roll
NET Air Volume filled by Loudspeaker	13.0 dm^3 (0.459 ft^3)
Spider Profile	2x non-adjacent constant height waves

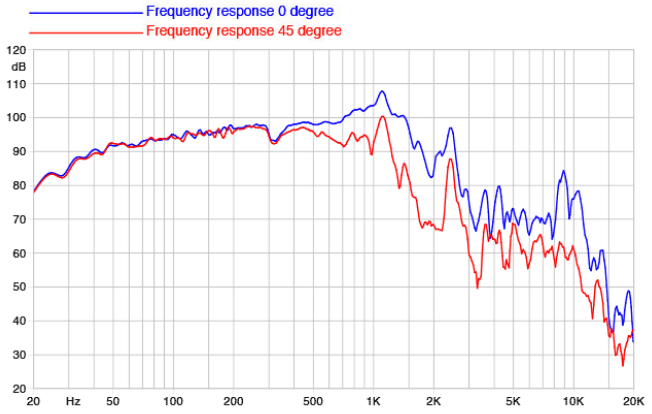
THIELE & SMALL PARAMETERS

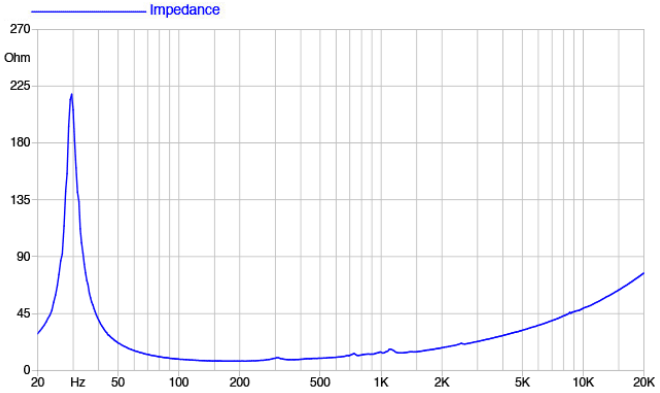
Fs	30 Hz
Re	5.9 Ohm
Qes	0.25
Qms	8.8
Qts	0.25
Vas	284.6 dm^3 (10.05 ft^3)
Sd	1744 cm^2 (270.32 in^2)
Xmax **(4)**	17.67 mm
Xdamage **(5)**	40 mm
Mms	420.0 g
Bl	43.0 N/A
Le	1.25 mH
Mmd	337.7 g
Cms	0.07 mm/N
Rms	9.0 kg/s
Eta Zero	3.0 %
EBP	119 Hz

NOTES:

(1) 2 Hours Test According to AES 2-1984 Rev. 2003
(2) Maximum power is defined as 3dB greater than nominal power.
(3) Treated Polycotton
(4) Xmax= [(winding depth - magnetic gap depth)/2] + (magnetic gap depth/3)
(5) Maximum excursion before permanent damage







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