

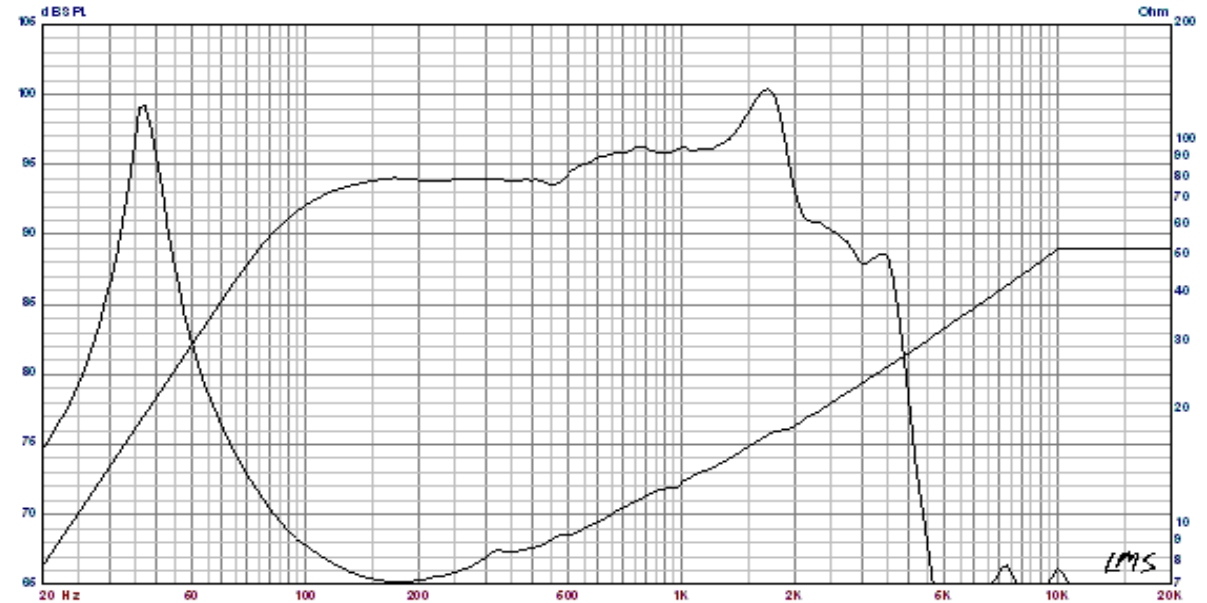


KappaLite3012LF

High Power PA or MI Woofer or Subwoofer.

Coloration:

Genre:



*Please inquire about alternative impedances.
 **Multiple units exceed published rating evaluated under EIA 426A noise source and test standard while in a free air, non-temperature controlled environment.
 ***The average output across the usable frequency range when applying 1W/1M into the nominal impedance. i.e. 2.83V/8ohms, 4V/16ohms.
 Eminence response curves are measured under the following conditions. All speakers are tested at 1W/1M using a variety of test set-ups for the appropriate.
 Impedance | LMS using 0.25" supplied microphone (software calibrated) mounted 1m from wall/baffle | 2ft. X 2ft. Baffle is built into the wall with the speaker mounted flush against a steel ring for minimum diffraction | Hafler P1500 Trans-Nova amplifier | 2700 cu.ft. chamber with fiberglass on all six surfaces (three with custom-made wedges).

Specification	Nominal Basket Diameter	12.0", 305mm
	Nominal Impedance*	8 ohms
	Power Rating**	450W
	Usable Frequency Range	46Hz-2.0kHz
	Sensitivity***	95.5
	Magnet Weight	11oz
	Gap Height	.37", 9.27mm
Voice Coil Diameter	3.0", 76.2mm	

Theile & Small Parameters	Resonance (Fs)	37.02Hz
	DC Resistance (Re)	5.6
	Coil Inductance (Le)	.98mH
	Mechanical Q (Qms)	6.94
	Electromagnetic Q (Qes)	.34
	Total Q (Qts)	.32
	Compliance Eqiv Vol (Vas)	105.42 ltr./3.72cuft
	Peak Diaphragm Displacement Vol (Vd)	496.00cc
	Compliance Susp (Cms)	.26mm/N
	BL Product (BL)	16.7 T-M
	Moving Mass inc. Airload (Mms)	72.4 grams
	Efficiency BandWidth Product (EBP)	109.7
	Maximum Linear Excursion (Xmax)	9.1mm
	Active Piston Area (Sd)	545.4cm ²
	Maximum Mechanical Limit (Xlim)	14.5mm

Mounting Information	Recommended Enclosure Volume	
	Sealed	23-59 liters / .8-2.1 cuft
	Vented	37-85 liters / 1.3-3.0 cuft
	Overall Diameter(inches)	12.38", 314.45mm
	Major Diameter(inches)	.00", .00mm
	Minor Diameter(inches)	.00", .00mm
	Baf Hole Dia In.	11.06", 280.92mm
	Front Gasket:	Yes fitted as standard
	Rear Gasket:	Yes fitted as standard
	Mount Holes Diameter(inches)	.28", 7.11mm
	Mount Hole BCD (inches)	11.62", 295.15mm
	Depth (inches)	6.00", 152.40mm
	Net Wt Lbs.	7.60 lbs, 3.45 kg
Ship Wt Lbs.	9.20 lbs, 4.17 kg	

Materials	Former Material	Kapton
	Voice Coil	Copper
	Magnet Material	Neo
	Special Core Features	Vented
	Vented Motor	Core
	Basket Material	Aluminum
	Cone Description	Treated Paper / Sealed Cloth Edge
	Dust Cap Material	Treated Paper