

NEODYMIUM SERIES

KAPPALITE™ 3012LF

Recommended for pro audio and bass in vented enclosures.

- 900 W Program Power
- 12" Nominal Diameter
- 8 or 4 Ω

APPLICATION		ENCLOSURE	
Midrange	<input type="checkbox"/>	Sealed Box	<input checked="" type="checkbox"/>
Midbass	<input type="checkbox"/>	Vented Box	<input checked="" type="checkbox"/>
Woofer	<input checked="" type="checkbox"/>	Scoop Loading	<input type="checkbox"/>
Subwoofer	<input checked="" type="checkbox"/>	Horn Loading	<input checked="" type="checkbox"/>
Bass Guitar	<input checked="" type="checkbox"/>		

SPECIFICATION

Nominal Basket Diameter	12", 305 mm
Nominal Impedance*	8 or 4 Ω
Power Rating*	
Program Power	900 W
Nominal Power	450 W
Resonance	37 Hz
Usable Frequency Range	46 Hz – 2 kHz
Sensitivity*	95.5 dB
Magnet Weight	11 oz.
Gap Height	0.365", 9.3 mm
Voice Coil Diameter	3", 76 mm

MATERIALS OF CONSTRUCTION

Copper voice coil
Kapton former
Neodymium magnet
Vented core
Die-cast aluminum basket
Treated paper cone
Sealed cloth Edge
Treated paper dust cap



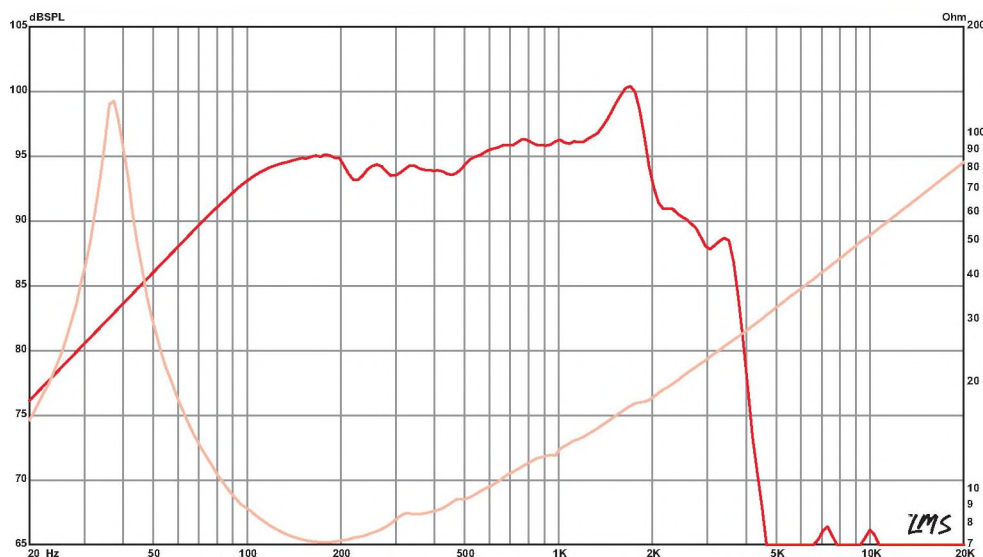
THIELE & SMALL PARAMETERS

Fs	37 Hz
Re	5.6 Ω
Le	0.98 mH
Qms	6.94
Qes	0.34
Qts	0.32
Vas	3.77 cu. ft., 106.65 liters
Vd	496 cc
Cms	0.26 mm/N
BL	16.7 T-M
Mms	72 grams
EBP	110
Xmax	9.1 mm
Sd	545.4 cm ²
Xlim	14.5 mm

MOUNTING INFORMATION

Recommended Enclosure Volume	Sealed	23–59 liters, 0.8–2.1 cu. ft.
	Vented	37–85 liters, 1.3–3 cu. ft.
Driver Volume Displaced		0.055 cu. ft., 1.56 liters
Overall Diameter		12.38", 314.5 mm
Baffle Hole Diameter		11.06", 280.9 mm
Front Sealing Gasket		Yes
Rear Sealing Gasket		Yes
Mounting Holes Diameter		0.28", 7.1 mm
Mounting Holes B.C.D.		11.62", 295.2 mm
Depth		6", 152.4 mm
Net Weight		7.6 lbs., 3.45 kg
Shipping Weight		9.2 lbs., 4.17 kg

FREQUENCY RESPONSE & IMPEDANCE CURVE*



* See footnotes on page 155 for information regarding usable frequency range, nominal impedance, power rating and sensitivity.