

NEODYMIUM SERIES

KAPPALITE™ 30 10LF

High power subwoofer recommended for vented and horn loaded enclosures. Truncated chassis allows for close placement in tight fitting applications.

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

APPLICATION		ENCLOSURE	
Midrange	<input type="checkbox"/>	Sealed Box	<input type="checkbox"/>
Midbass	<input type="checkbox"/>	Vented Box	<input checked="" type="checkbox"/>
Woofers	<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	10", 254 mm
Nominal Impedance*	8 or 4 Ω
Power Rating*	
Program Power	900 W
Nominal Power	450 W
Resonance	39 Hz
Usable Frequency Range	42 Hz – 1.6 kHz
Sensitivity*	92.7 dB
Magnet Weight	11 oz.
Gap Height	0.365", 9.3 mm
Voice Coil Diameter	3", 76 mm

MATERIALS OF CONSTRUCTION

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



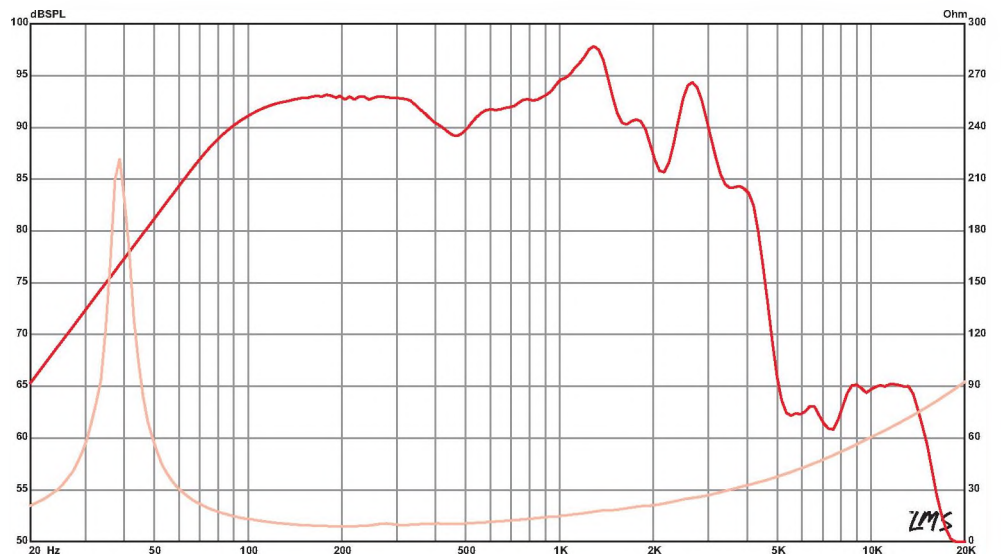
THIELE & SMALL PARAMETERS

Fs	39 Hz
Re	7.2 Ω
Le	1.13 mH
Qms	11.75
Qes	0.28
Qts	0.27
Vas	2.2 cu.ft., 62.41 liters
Vd	305.4 cc
Cms	0.35 mm/N
BL	17.45 T-M
Mms	49 grams
EBP	138
Xmax	8.52 mm
Sd	358.4 cm ²
Xlim	15.7 mm

MOUNTING INFORMATION

Recommended Enclosure Volume	
Sealed	N/A
Vented	19.82–84.95 liters, 0.7–3 cu.ft.
Driver Volume Displaced	0.037 cu.ft., 1.06 liters
Major Diameter	11.18", 284 mm
Flat to Flat Diameter	10", 254 mm
Baffle Hole Diameter	9.12", 231.7 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.29", 7.4 mm
Mounting Holes B.C.D.	10.49", 266.5 mm
Depth	5", 127 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.