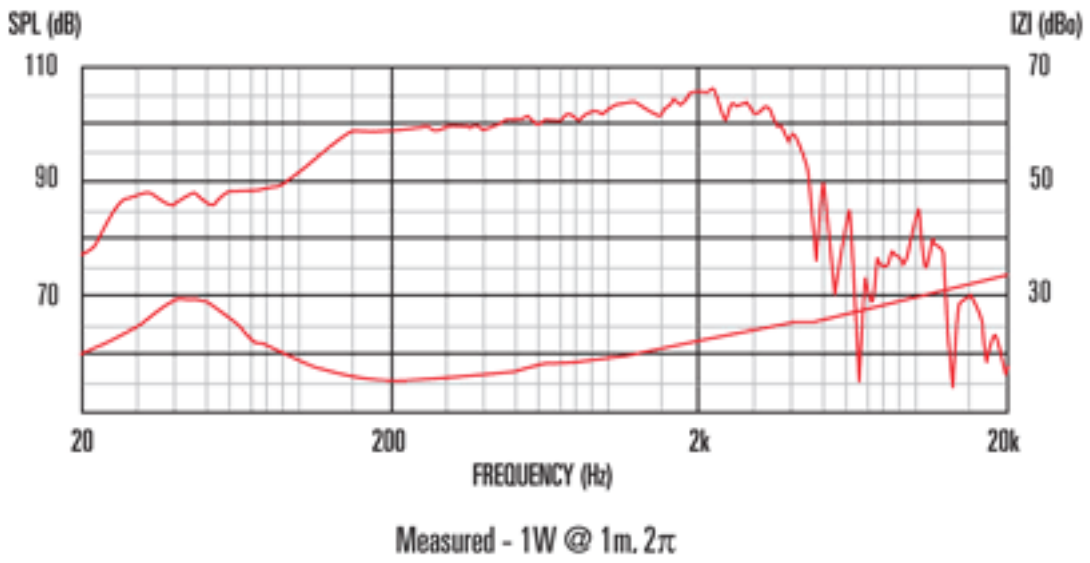
LF Pressed Chassis / Neo

TN1525

Features

- 15" bass/mid-range driver offers 250Wrms (AES standard) power handling and 100dB sensitivity
- 2.5" high-temperature copper voice coil wound on polyimide for increased reliability
- Compact and lightweight neodymium magnet assembly
- Smart use of venting and specially designed heatsink for reduced thermal compression
- Effective flux management enables increased sensitivity

8 Ω Frequency Response



1. Tested for two hours using a continuous, band-limited pink noise signal as per AES standard. Power calculated on minimum impedance. Loudspeaker tested in free air.
2. Measured on axis at 1W, 1m in 2 anechoic environment.
3. Xmax derived from: (voice coil winding width-gap depth)/2.
4. Small signal parameters measured after unit subjected to pre-conditioning signal.

General Specifications

Nominal diameter	381mm/15in
Power rating [1]	250Wrms
Nominal impedance	8 Ω
Sensitivity [2]	100dB
Frequency range	45-3000Hz
Voice coil diameter	64mm/2.5in
Chassis type	Pressed steel
Magnet type	Neodymium
Coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Xmax [3]	2.5mm/0.098in
Gap depth	8mm/0.32in
Voice coil winding width	13mm/0.51in

Small Signal Parameters [4]

D	0.33m/12.99in
Fs	51Hz
Mms	73.75g/2.60oz
Mmd	59.6g/2.10oz
Qms	2.53
Qes	0.44
Qts	0.37
Re	5.25 Ω
Vas	136.48lt/4.82ft3
Bl	16.82Tm
Cms	0.13mm/N
Rms	9.34kg/s
Le (at 1kHz)	0.66mH

Mounting Information

Diameter	385mm/15.16in
Overall depth	155mm/6.10in
Cut-out diameter	352mm/13.86in
Mounting slot dimensions	9.2mm x 6.2mm/0.36in x 0.24in
Number of mounting slots	8
Mounting PCD range	369mm/14.53in
Unit weight	2.4kg/5.2lb

Packed Dimensions & Weight

Single pack size W x D x H	410mm x 410mm x 180mm /16.1in x 16.1in x 7.1in
Single pack weight	2.5kg/5.5lb
Multipack (45) size W x D x H	1200mmx1000mmx980mm /47.2in x 39.4in x 38.6in
Multi pack (45) weight	115kg/254lb

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