

TF1530SL

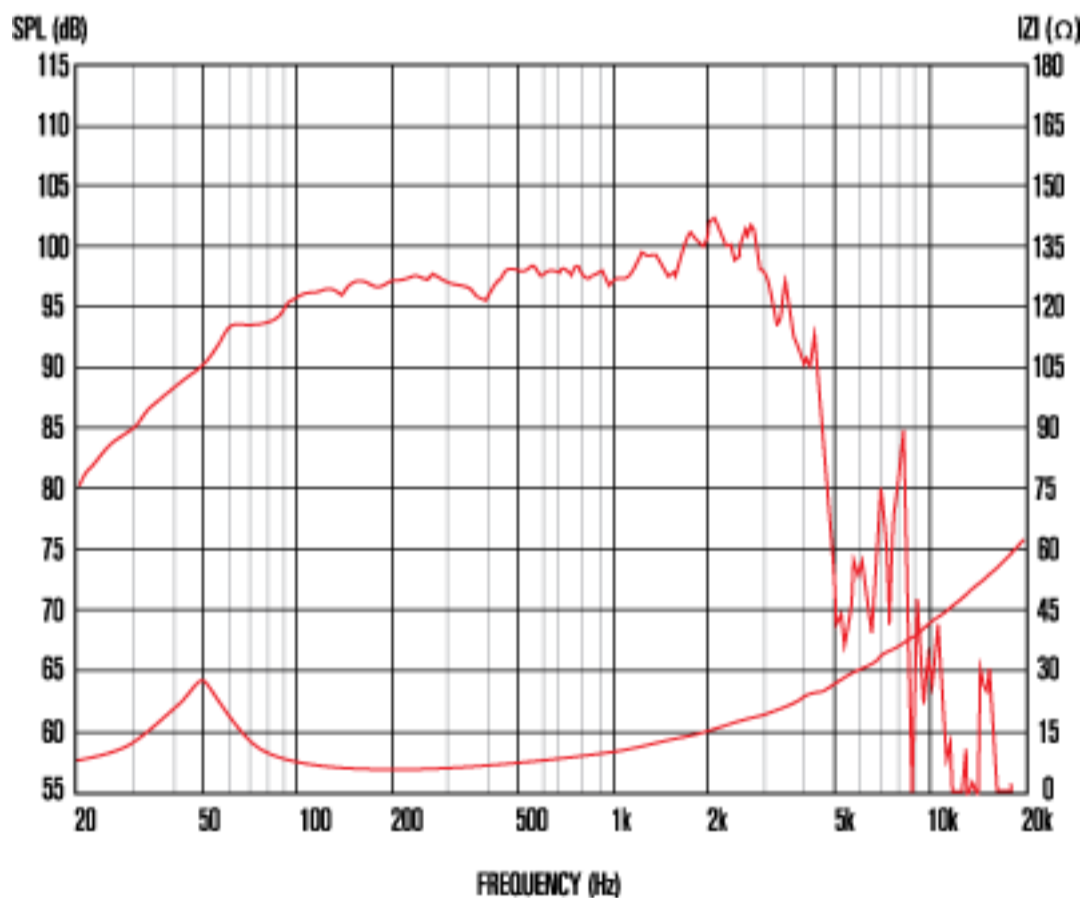


Features

- 15" Bass and mid-range low frequency driver providing 97dB sensitivity and 300Wrms (AES standard) power handling
- 3" high temperature copper voice coil wound on polyimide for increased reliability
- Finite Element analysis techniques used to optimise magnet assembly, resulting in lower mass than typical ferrite units
- Reduced inductive rise, leading to greater mid-range sensitivity; beneficial for many 15" driver applications
- Kevlar-loaded cone with sealed surround and damping for reduced distortion.
- Double roll surround provides exceptional linearity at extremes of cone excursion
- For use in 2-way or compact 3-way systems

8 Frequency Response

T5836A Lab Std (GS1704) with chamber correction curve



General Specifications

Nominal diameter	381mm/15in
Power rating ¹	350Wrms
Continuous power rating ²	700W
EIA power rating ³	500
Nominal impedance	8
Sensitivity ⁴	98dB
Frequency range	40-3000Hz
Voice coil diameter	75mm/3in
Chassis type	Pressed Steel
Magnet type	Ferrite
Coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Xmax ⁵	4mm/0.16in
Gap depth	8mm/0.31in
Voice coil winding width	16mm/0.63in

Small Signal Parameters

D	0.33m/12.99in
Fs	40.7Hz
Mms	89.78g/3.17oz
Qms	3.302
Qes	0.427
Mmd	75.62g/2.67oz
Qts	0.378
Re	5.04Ω
Vas	176.08lt/6.22ft ³
Bl	16.45Tm
Cms	0.17mm/N
Rms	6.958kg/s
Le (at 1kHz)	0.93mH

Mounting Information

Overall diameter	385mm/15.16in
Overall depth	161mm/6.34in
Cut-out diameter	352mm/13.86in
Mounting slot dimensions	9.4x6.2mm/0.37x0.24in
Number of mounting slots	8
Mounting PCD range	369mm/14.57in
Unit weight	5kg/11lb