

TF1530e

Ferrite magnet pressed steel chassis driver

General Specifications

Nominal diameter	381mm/15in
Power rating ¹	400Wrms
Nominal impedance	8Ω
Sensitivity ²	98dB
Frequency range	40-3000Hz
Voice coil diameter	75mm/3in
Chassis type	Pressed Steel
Magnet type	Ferrite
Coil material	Flattened Copper coated Aluminium
Former material	Glass fibre
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Xmax ³	4.7mm/0.19in
Gap depth	8mm/0.31in
Voice coil winding width	17.3mm/0.68in

Small Signal Parameters⁴

D	0.33m/12.99in
Fs	40.9Hz
Mms	86.24g/3.04oz
Mmd	72.090g
Qms	4.073
Qes	0.376
Qts	0.344
Re	5.09Ω
Vas	181.72lt/6.41ft ³
Bl	17.318Tm
Cms	0.176mm/N
Rms	5.433kg/s
Le (at 1kHz)	0.827mH

Mounting Information

Diameter	385mm/15.16mm
Overall depth	161mm/6.34in
Cut-out diameter	352mm/13.86in
Mounting slot dimensions	9.2x6.2mm/0.36x0.24in
Number of mounting slots	8
Mounting PCD range	369mm/14.57in
Unit weight	5.65kg/14.46lb

Packed Dimensions & Weight

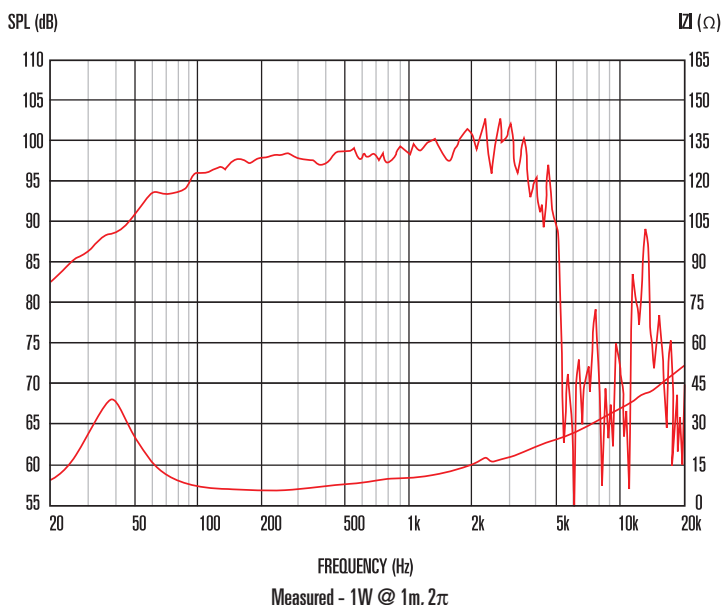
Multi pack (45) size W x D x H	1200mm x 1000mm x 980mm
	/47.2in x 39.4in x 38.6in
Multi pack (45) weight	300kg/660lb



Features

- 15" driver provides extended low frequency range
- 3" edgewound voice coil enables 98dB efficiency and 400Wrms (AES standard) power handling
- Vented magnet assembly for enhanced cooling
- Kevlar-loaded cone with sealed surround and damping for reduced distortion
- Special consideration is paid to materials and construction to deliver maximum reliability
- Suitable for use in 2-way and 3-way systems

Frequency Response and Impedance Curves



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 2π 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.