



# TF1525e

Ferrite magnet steel chassis driver

## General Specifications

Nominal diameter	381mm/15in
Power rating <sup>1</sup>	300Wrms
Nominal impedance	8Ω
Sensitivity <sup>2</sup>	97dB
Frequency range	45-3500Hz
Voice coil diameter	64mm/2.5in
Chassis type	Pressed steel
Magnet type	Ferrite
Magnet weight	1.4kg/50oz
Coil material	Edgewound copper
Former material	Glass fibre
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Xmax <sup>3</sup>	3.5mm/0.14in
Gap depth	8mm/0.31in
Voice coil winding width	14.5mm/0.57in

## Small Signal Parameters

D	0.33m/12.99in
Fs	49.8Hz
Mms	82.41g/2.91oz
Mmd	68.26g/2.41oz
Qms	7.12
Qes	0.53
Qts	0.50
Re	6.48Ω
Vas	128.19lt/4.53ft <sup>3</sup>
Bl	17.69Tm
Cms	0.12mm/N
Rms	3.62kg/s
Le (at 1kHz)	1.32mH

## Mounting Information

Overall diameter	385mm/15.16in
Overall depth	163mm/6.42in
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/14.56in
Unit weight	4.8kg/10.6lb

## Packed Dimensions & Weight

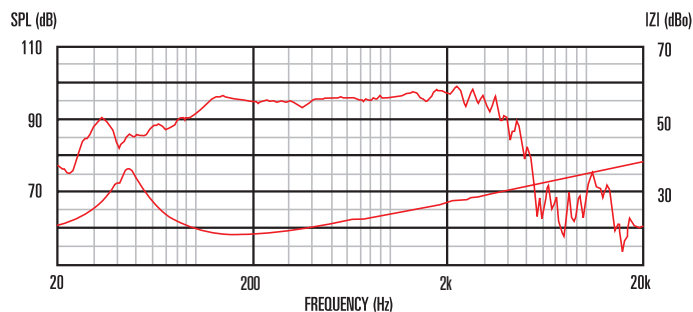
Single pack size W x D x H	410mm x 410mm x 180mm
	/16.1in x 16.1in x 7.1in
Single pack weight	5.5kg/12.1lb
Multi pack (45) size W x D x H	1200mm x 1000mm x 980mm
	/47.2in x 39.4in x 38.6in
Multi pack (45) weight	248kg/547lb



## Features

- 15" driver provides extended low frequency range
- 2.5" edgewound voice coil enables 97dB efficiency and 300Wrms (AES standard) power handling
- Vented magnet assembly for enhanced cooling
- Kevlar-loaded cone with sealed surround and damping for reduced distortion
- Suitable for use in 2-way and 3-way systems

## Frequency Response and Impedance Curves



Measured - 1W @ 1m, 2π

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.