

TF1525

Ferrite magnet pressed steel chassis driver

General Specifications

Nominal diameter	381mm/15in
Power rating ¹	250Wrms
Nominal impedance	8Ω
Sensitivity ²	98dB
Frequency range	40-3000Hz
Voice coil diameter	64mm/2.5in
Chassis type	Pressed steel
Magnet type	Ferrite
Magnet weight	1.2kg/42oz
Coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Xmax ³	2.5mm/0.1in
Gap depth	8mm/0.31in
Voice coil winding width	13mm/0.51in

Small Signal Parameters

D	0.33m/12.99in
Fs	47Hz
Mms	78.2g/2.76oz
Mmd	64.1g/2.26oz
Qms	5.9
Qes	0.66
Qts	0.59
Re	5.21Ω
Vas	152.5lt/5.38ft ³
Bl	13.5Tm
Cms	0.149mm/N
Rms	3.94kg/s
Le (at 1kHz)	0.82mH

Mounting Information

Overall diameter	385mm/15.16in
Overall depth	153mm/6.02in
Cut-out diameter	351mm/13.82in
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	5.2kg/11.5lb

Packed Dimensions & Weight

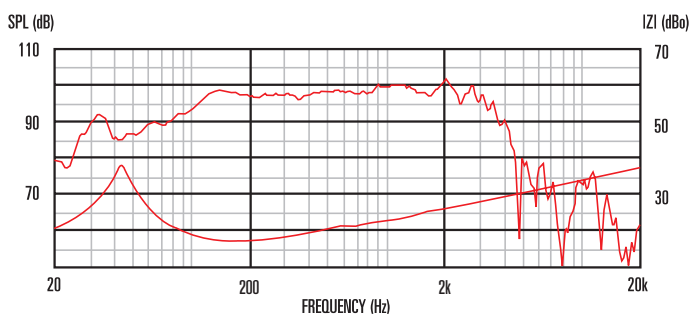
Single pack size W x D x H	410mm x 410mm x 180mm
	/16.1in x 16.1in x 7.1in
Single pack weight	5kg/11.0lb
Multi pack (45) size W x D x H	1200mm x 1000mm x 980mm
	/47.2in x 39.4in x 38.6in
Multi pack (45) weight	225kg/496lb



Features

- 15" bass and mid-range driver providing 98dB sensitivity and 250Wrms (AES standard) power handling
- 2.5" high temperature copper voice coil wound on polyimide for increased reliability
- Kevlar-loaded cone with sealed surround and damping for reduced distortion
- Rigid chassis design for maximum energy transfer
- Vented magnet assembly for enhanced cooling
- Ideal for 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.