



TF1525

Ferrite magnet 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

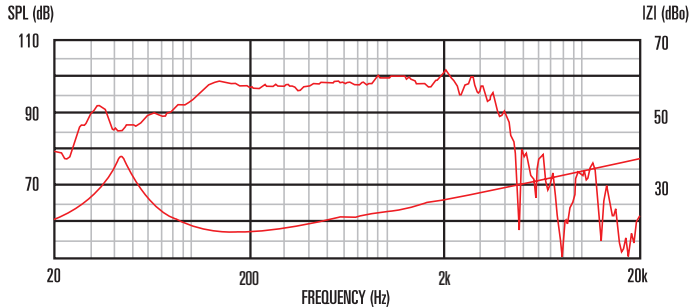
Single pack size W x D x H	410mm x 410mm x 180mm
	/16.1in x 16.1in x 7.1in
Single pack weight	5kg/11.0lb
Multi pack (45) size W x D x H	1200mm x 1000mm x 980mm
	/47.2in x 39.4in x 38.6in
Multi pack (45) weight	225kg/496lb



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
- Ideal for 2-way and 3-way systems
- Kevlar-loaded cone with sealed surround and damping for reduced distortion
- Rigid chassis design for maximum energy transfer
- Vented magnet assembly for enhanced cooling

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.