

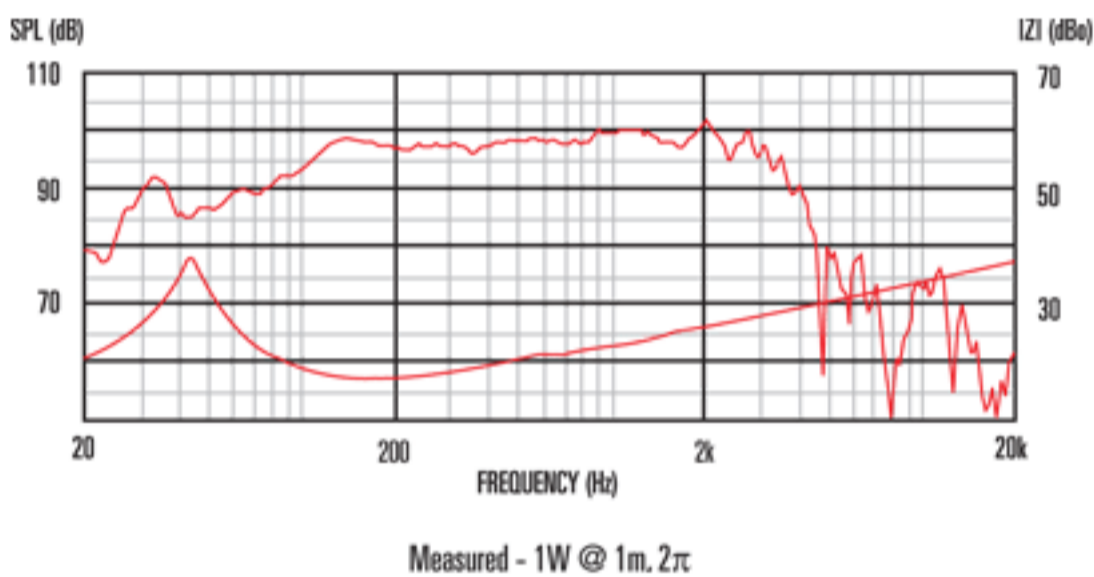
### TF1525



#### 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

#### 8 Frequency Response



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 2 anechoic environment.
3. Xmax derived from: (voice coil winding width-gap depth)/2.

#### General Specifications

|                           |                     |
|---------------------------|---------------------|
| Nominal diameter          | 381mm/15in          |
| Power rating <sup>1</sup> | 250Wrms             |
| Nominal impedance         | 8                   |
| Sensitivity <sup>2</sup>  | 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 <sup>3</sup>         | 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           | 5.21                        |
| Vas          | 152.5lt/5.38ft <sup>3</sup> |
| Bl           | 13.5Tm                      |
| Cms          | 0.149mm/N                   |
| Rms          | 3.94kg/s                    |
| Le (at 1kHz) | 0.82mH                      |

#### Mounting Information

|                          |                               |
|--------------------------|-------------------------------|
| 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<br>/16.1in x 16.1in x 7.1in |
| Single pack weight            | 5kg/11.0lb  |
| Multipack (45) size W x D x H | 1200mmx1000mmx980mm<br>/47.2in x 39.4in x 38.6in  |
| Multi pack (45) weight        | 225kg/496lb                                       |