

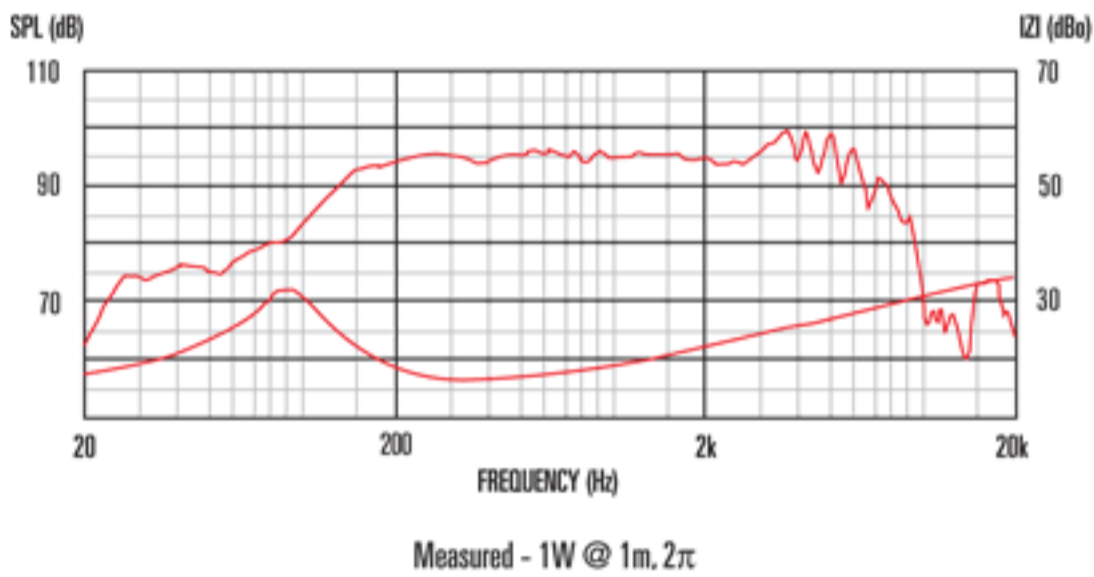
### TF0818



#### Features

- 8" driver providing 94dB sensitivity and 100Wrms (AES standard) power handling
- 1.75" high temperature copper voice coil wound on polyimide former for increased reliability
- Achieves optimal performance in compact enclosures
- Exceptional performance through bass and mid-range
- Ideal for 2-way systems

#### 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	203mm/8in
Power rating <sup>1</sup>	100Wrms
Nominal impedance	8
Sensitivity <sup>2</sup>	94dB
Frequency range	70-6000Hz
Voice coil diameter	45mm/1.75in
Chassis type	Pressed steel
Magnet type	Ferrite
Magnet weight	0.88kg/31oz
Coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Xmax <sup>3</sup>	3.5mm/0.14in
Gap depth	6mm/0.24in
Voice coil winding width	13mm/0.51in

#### Small Signal Parameters

D	0.17m/6.69in
Fs	95Hz
Mms	17.53g/0.62oz
Mmd	15.60g/0.55oz
Qms	3.83
Qes	0.50
Qts	0.44
Re	6.40
Vas	12.6lt/0.44ft <sup>3</sup>
Bl	11.36Tm
Cms	0.17mm/N
Rms	2.62kg/s
Le (at 1kHz)	0.75mH

#### Mounting Information

Diameter	208mm/8.19in
Overall depth	99mm/3.54in
Cut-out diameter	183mm/7.20in
Mounting slot dimensions	9.5mm x 5.5mm/0.37in x 0.22in
Number of mounting slots	4
Mounting PCD range	195-199mm/7.68-7.83in
Unit weight	2.3kg/5.1lb

#### Packed Dimensions & Weight

Single pack size W x D x H	230mm x 230mm x 110mm /9.1in x 9.1in x 4.3in
Single pack weight	3kg/6.6lb
Multipack (140) size W x D x H	1070mmx850mmx860mm /42.1in x 33.5in x 33.9in
Multipack (140) weight	435kg/959lb