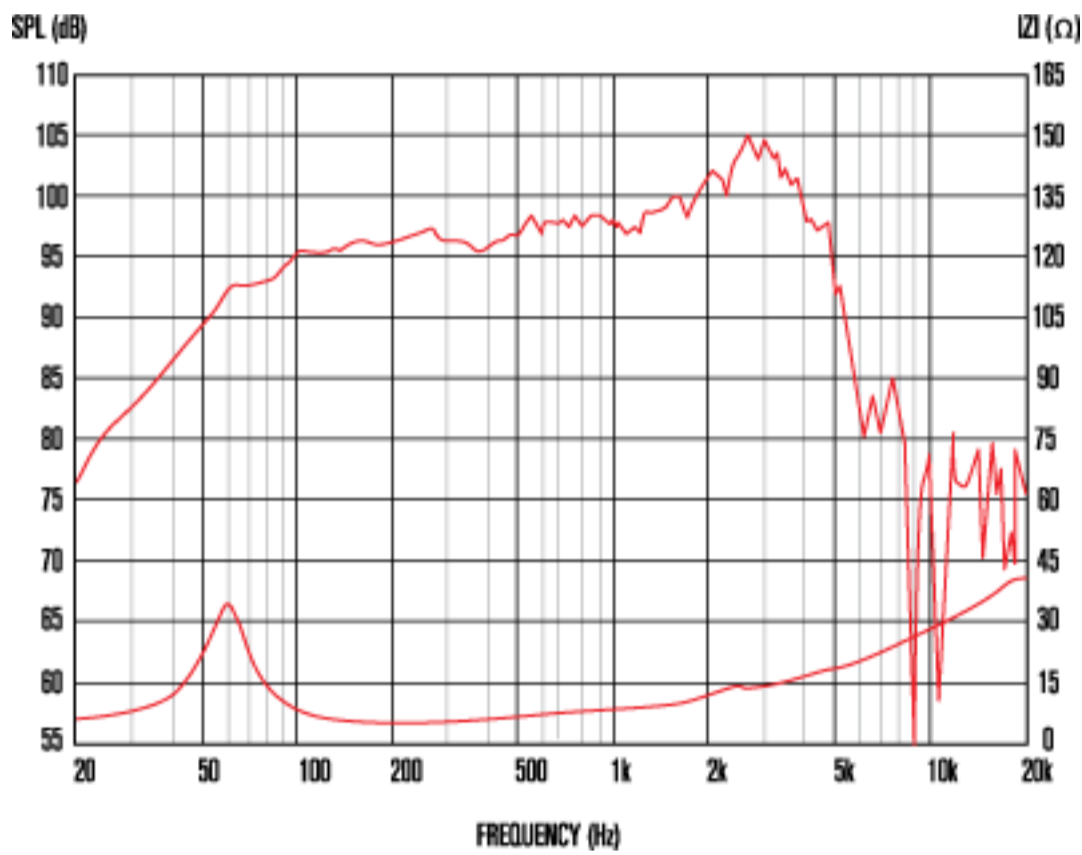


TF1218



- 12" Bass and mid-range LF driver offering a superior price/performance ratio
- Provides 97dB sensitivity and 100Wrms (AES standard) power handling
- 1.75" High temperature copper voice coil wound on polyimide for increased reliability
- Kevlar-loaded cone with sealed surround and damping for reduced distortion
- Suitable for use in 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. Continuous Power Handling is defined as 3dB greater than the AES rating.
3. Tested as per the EIA-426-A standard.
4. Measured on axis at 1W, 1m in 2¹ anechoic environment.
5. X_{max} derived from: (voice coil winding width-gap depth)/2.
6. Small signal parameters measured after unit subjected to pre-conditioning signal.

General Specifications

Nominal diameter	305mm/12in
Power rating ¹	100Wrms
Continuous power rating ²	200W
EIA power rating ³	150W
Nominal impedance	8
Sensitivity ⁴	97dB
Frequency range	60-4500Hz
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
X _{max} ⁵	2mm/0.08in
Gap depth	6mm/0.24in
Voice coil winding width	10mm/0.39in

Small Signal Parameters

D	0.26m/10.24in
F _s	62Hz
M _{ms}	39.41g/1.39oz
Q _{ms}	4.90
Q _{es}	0.72
M _{md}	32.50g/1.15oz
Q _{ts}	0.63
Re	5.55Ω
V _{as}	66.6lt/2.35ft ³
Bl	10.90Tm
C _{ms}	0.17mm/N
R _{ms}	3.14kg/s
Le (at 1kHz)	0.57mH

Mounting Information

Overall diameter	309mm/12.17in
Overall depth	125mm/4.92in
Cut-out diameter	283mm/11.14in
Mounting slot dimensions	7.9mm/0.31in
Number of mounting slots	4
Mounting PCD range	297mm/11.69in
Unit weight	2.7kg/6.0lb

Packed Dimensions & Weight

Single pack size W x D x H	330mm x 330mm x 150mm /13.0in x 13.0in x 5.9in
Single pack weight	4kg/8.8lb
Multi pack size W x D x H	1080mm x 980mm x 880mm /42.5in x 38.6in x 34.6in
Multi pack weight	250kg/551lb