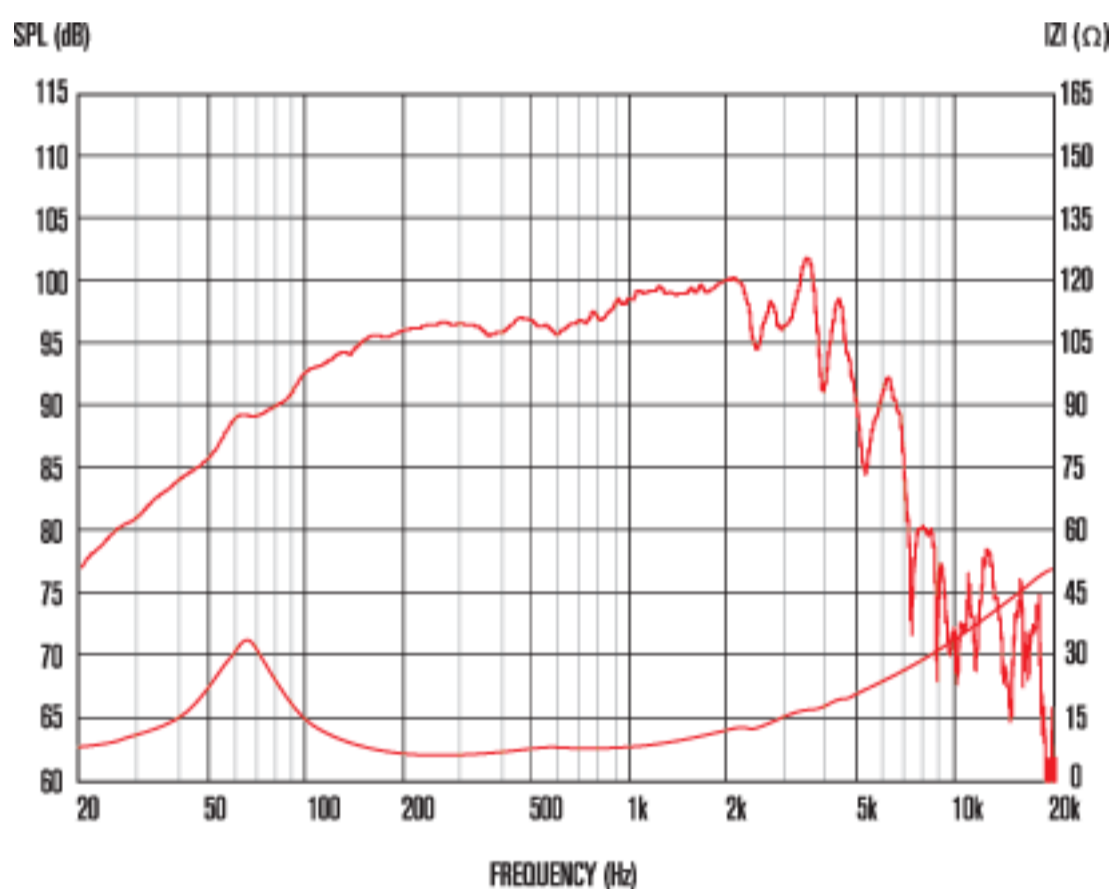


CF1025C



- Features
- 10" Mid/bass driver delivering 99dB sensitivity and 300Wrms (AES standard) power handling
- FEA optimised magnet assembly and suspension delivers highly symmetrical cone movement leading to exceptionally low harmonic distortion
- Balanced Airflow Venting (BAV) increases airflow to provide enhanced cooling
- Twin demodulation rings reduce flux modulation, minimizing electromagnetic distortion
- "M-roll" surround provides progressive excursion control, yielding a smooth response even at extremes of frequency range

8 Frequency Response



- 1.
2. 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.
3. Measured on axis at 1W, 1m in 2 anechoic environment.
4. Xmax derived from: (voice coil winding width-gap depth)/2.

General Specifications

Nominal diameter	254mm/10in
Power rating ¹	300Wrms
Nominal impedance	8
Sensitivity ²	99dB
Frequency range	60-5000Hz
Voice coil diameter	64mm/2.5in
Chassis type	Cast Aluminium
Magnet type	Ferrite
Magnet weight	1.7kg/60oz
Coil material	Edgewound copper clad aluminium
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Gap depth	8mm/0.31in
Voice coil winding width	12.5mm/0.49in
Xmax ³	2.5mm/0.1in

Small Signal Parameters

D	0.21m/8.27in
Fs	57.5Hz
Mms	36.16g/1.28oz
Qms	3.906
Qes	0.310
Mmd	32.51g/1.15oz
Qts	0.287
Re	5.54Ω
Vas	35.69lt/1.286ft ³
Bl	15.32Tm
Cms	0.21mm/N
Rms	3.358kg/s
Le (at 1kHz)	0.635mH

Mounting Information

Overall diameter	265mm/10.43in
Overall depth	119mm/4.69in
Cut-out diameter	230.8mm/9.1in
Mounting slot dimensions	8x6.5mm/0.3x0.25in
Number of mounting slots	8
Mounting PCD range	244.5-247mm/9.63-9.73in
Unit weight	4.9kg/10.8lb