

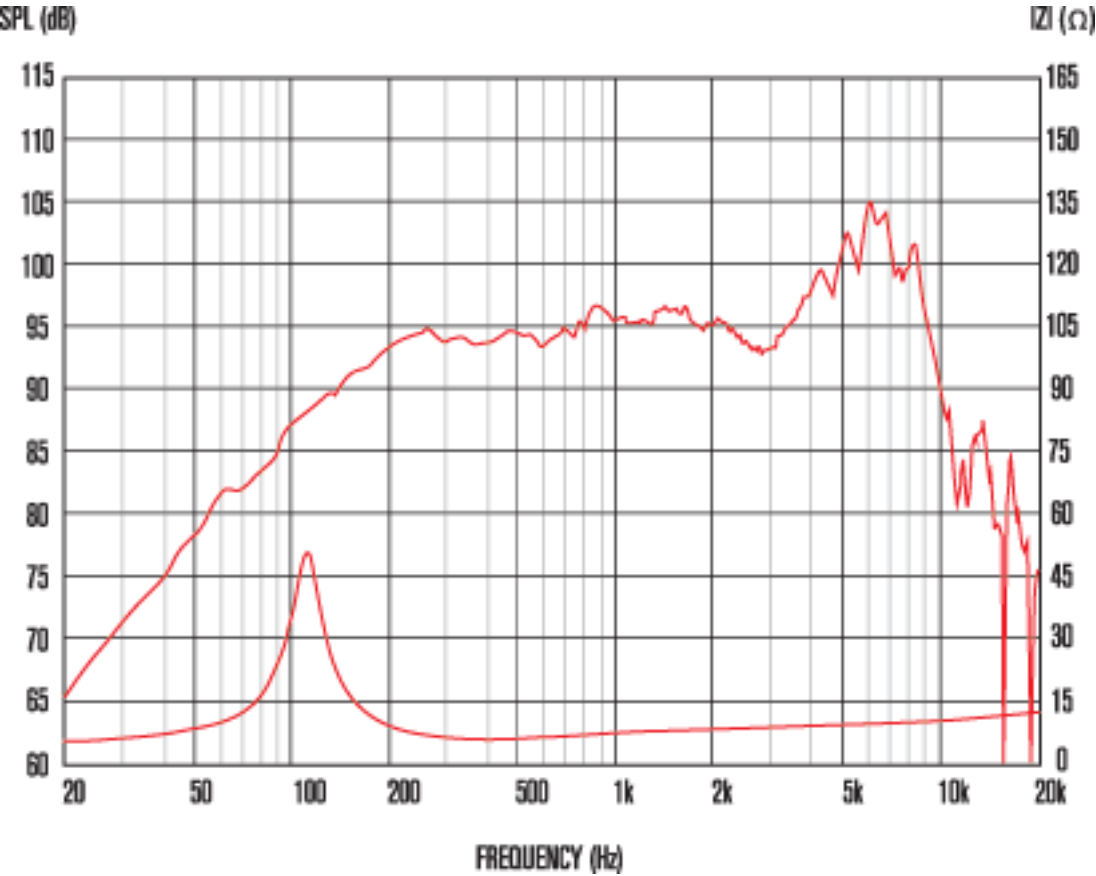
CF0617M



Features

- 6.5" dedicated mid-range driver delivering 96dB sensitivity and 200Wrms;(AES standard) power handling
- FEA optimised magnet assembly and suspension delivers highly symmetrical cone movement leading to exceptionally low harmonic distortion
- Copper sleeved pole reduces inductive rise for improved HF performance
- Intelligent heat management in both chassis and magnet assembly design offers reduced thermal compression
- Space efficient chassis profile

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	165mm/6.5in
Power rating ¹	200Wrms
Nominal impedance	8
Sensitivity ²	96dB
Frequency range	300-7000Hz
Voice coil diameter	45mm/1.75in
Chassis type	Cast Aluminium
Magnet type	Ferrite
Magnet weight	0.6kg/220oz
Coil material	Edgewound copper clad aluminium
Cone material	Kevlar loaded paper
Surround material	Temperature resistant foam
Suspension	Single
Xmax ³	1.2mm/0.05in
Gap depth	6mm/0.24in
Voice coil winding width	8.4mm/0.33in

Small Signal Parameters

D	0.14m/5.5in
Fs	135.8Hz
Mms	11.65g/0.411oz
Qms	7.49
Qes	0.6
Mmd	10.57g/0.373oz
Qts	0.555
Re	4.98Ω
Vas	3.95lt/0.14ft3
Bl	9.08Tm
Cms	0.118mm/N
Rms	1.327kg/s

Mounting Information

Overall depth	78.5mm/3.1in
Cut-out diameter	150mm/5.9in
Mounting slot dimensions	7.5mm x 5.5mm/0.3in x 0.22in
Number of mounting slots	4
Mounting PCD range	173-175mm/6.81-6.89in
Unit weight	1.9kg/4.2lb