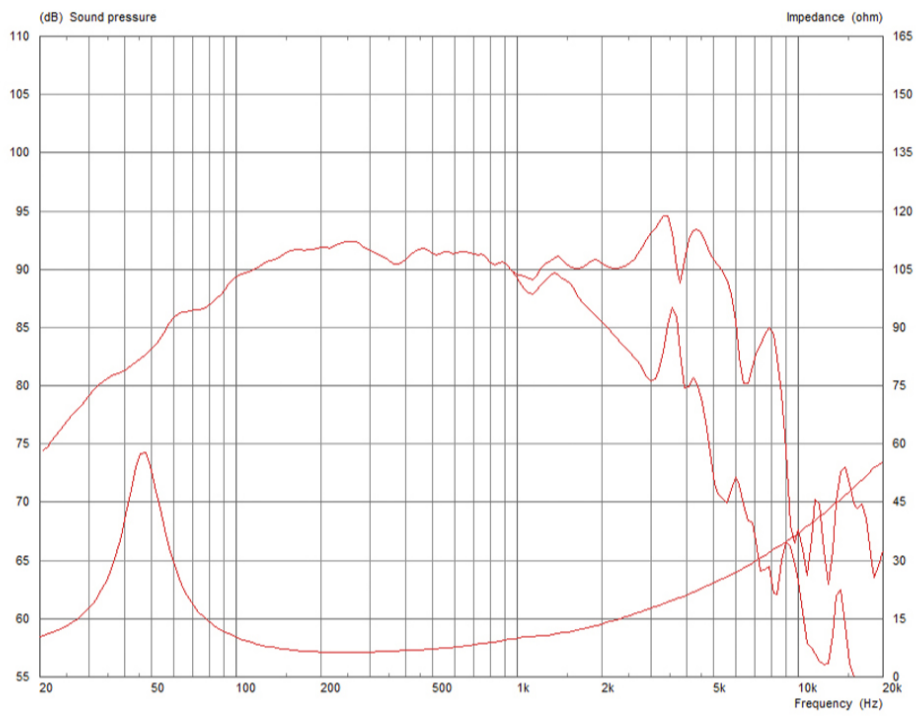


**CF0820BMB**



Balanced airflow venting provides enhanced cooling Half-roll elastomer surround

**Frequency Response and Impedance Curves**



Topmost curve: Frequency response on axis | Secondary curve: Frequency response at 45° off axis

Power Rating: 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.

Continuous Power Rating is defined as 3dB greater than the AES rating.

Sensitivity measured on axis at 1W, 1m in 2 anechoic environment.

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

Small Signal Parameters are measured after unit subjected to pre-conditioning signal.

**General Specifications**

Nominal Diameter	200mm/8in
Power Rating	250W
Continuous Power Rating	500W
Sensitivity	93dB
Rated Impedance	8
Frequency Range	50Hz-6000Hz
Voice coil diameter (mm)	50mm
Voice coil diameter (in)	2in
Chassis Type	Cast aluminium
Magnet Type	Ferrite
Magnet Weight	0.99kg/34.8oz
Voice coil material	Copper clad aluminium
Former Material	Glass fibre
Cone material	Treated paper
Surround Material	Elastomer
Suspension	Single
xmax	5.25mm/0.21in
Gap Depth	8mm/0.31in
Voice coil winding width	18.5mm/0.73in

**Mounting Information**

Mounting slot dimensions	7mm x 5.6mm/0.28in x 0.22in
Mounting slot PCD	197mm-200mm/7.8in-7.9in
Number of mounting slots	8
Overall Depth	108mm/4.3in
Overall Diameter (mm)	215mm
overall_diameter_in	8.5in
Cut-out diameter	187mm/7.4in
Unit Weight	3.1kg/6.8lb

**Small Signal Parameters**

Sd	226.98cm <sup>2</sup> /35.18in <sup>2</sup>
Fs	50.50Hz
Mms	32.35g/1.14oz
Qms	5.095
Qes	0.394
Qts	0.366
Re	5.45
Vas	22.42L/0.79ft <sup>3</sup>
Bi	11.92Tm
Cms	0.31mm/N
Rms	2.01kg/s
Le (at 1kHz)	0.78mH

**Packed Dimensions & Weight**

Multi Pack Qty	8
Multi pack size W x D x H	465mm x 455mm x 250mm 18.3in x 17.9in x 9.8in
Multi pack weight	27.5kg/60lb