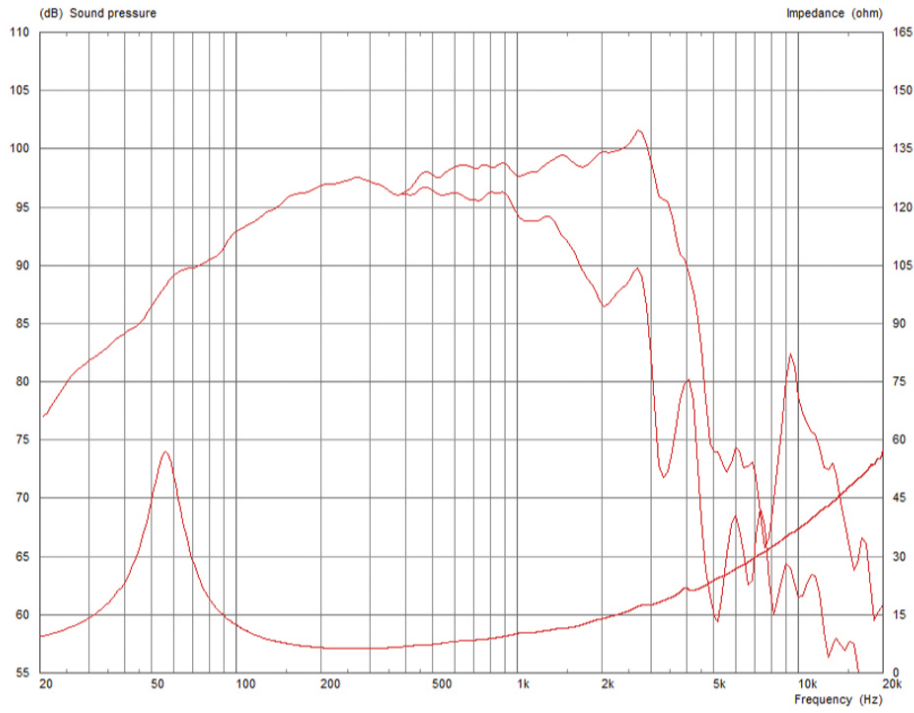


**CF1230F**



Balanced airflow venting provides enhanced cooling Single demodulation ring Glass loaded paper cone with weather-resistant impregnation

**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	305mm/12in
Power Rating	500W
Continuous Power Rating	1000W
Sensitivity	98dB
Rated Impedance	8
Frequency Range	50Hz-3000Hz
Voice coil diameter (mm)	75mm
Voice coil diameter (in)	3in
Chassis Type	Cast aluminium
Magnet Type	Ferrite
Magnet Weight	2.2kg/75oz
Voice coil material	Edgewound copper clad aluminium
Former Material	Glass fibre
Cone material	Glass loaded paper (weather-resistant)
Surround Material	Cloth-sealed
Suspension	Single
xmax	5.5mm/0.22in
Gap Depth	8mm/0.31in
Voice coil winding width	19mm/0.75in

**Mounting Information**

Mounting slot dimensions	10mm x 6.5mm/0.39in x 0.26in
Mounting slot PCD	294mm-300mm/11.6in-11.8in
Number of mounting slots	8
Overall Depth	153mm/6.02in
Overall Diameter (mm)	315mm
overall_diameter_in	12.4in
Cut-out diameter	282mm/11.1in
Unit Weight	6.75kg/14.9lb

**Small Signal Parameters**

Sd	530.93cm <sup>2</sup> /82.29in <sup>2</sup>
Fs	56.50Hz
Mms	63.75g/2.25oz
Qms	4.33
Qes	0.342
Qts	0.317
Re	5.08
Vas	49.61L/1.75ft <sup>3</sup>
Bi	18.33Tm
Cms	0.12mm/N
Rms	5.23kg/s
Le (at 1kHz)	0.74mH

**Packed Dimensions & Weight**

Multi Pack Qty	60
Multi pack size W x D x H	1210mm x 1050mm x 980mm 47.6in x 41.3in x 35.4in
Multi pack weight	435kg/870lb