LF Loudspeakers

CF1025C

10-inch, cast aluminium chassis, ferrite magnet mid/bass driver

- Balanced airflow venting provides enhanced cooling
- Twin demodulation rings

600W
Continuous power rating

99dB
Sensitivity

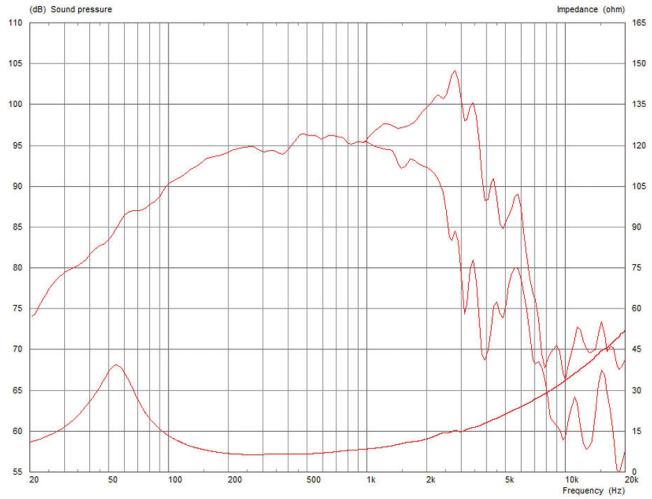
2.5in
Edgewound copper clad aluminium voice coil



Mounting Information

Overall diameter	265mm / 10.43in
Overall depth	119mm / 4.7in
Cut-out diameter	230.8mm / 9.1in
Mounting hole dimensions	8x6.5mm / 0.3x0.25in
Number of mounting holes	8
Mounting hole PCD	244.5-247mm / 9.63-9.73in
Unit weight	4.9kg / 10.8lb

Frequency response and Impedance Curves



General Specifications

Nominal Diameter	254mm / 10in
Power Rating	300W
Continuous power rating	600W
Rated impedance	8 ohm
Sensitivity	99dB
Frequency range	60-5000Hz
Chassis type	Cast aluminium
Magnet type	Ferrite
Magnet weight	1.7kg / 60oz
Voice coil diameter	64mm / 2.5in
Voice coil material	Edgewound copper clad aluminium
Former material	Glass fibre
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Gap height (Hg)	8mm / 0.3in
VC winding height (Hvc)	12.5mm / 0.49in

Parameters

Sd	346.36cm^2 / 53.69in^2
Fs	54.8Hz
Mms	37.03g / 1.31oz
Qms	2.338
Qes	0.299
Qts	0.265
Re	5.15 ohm
Vas	38.63l / 1.36ft^3
Bl	14.82Tm
Cms	0.23mm/N
Rms	5.46kg/s
Le (at 1kHz)	0.57mH
Xmax	4.25mm / 0.17in

Packed Dimensions & Weight

Single pack size W x D x H	306mm x 306mm x 155mm / 12in x 12in x 6.1in
Single pack weight	5.5kg / 12.1lb
Multi pack qty	8
Multi pack size W x D x H	555mm x 520mm x 290mm / 21.9in x 20.5in x 11.4in
Multi pack weight	45kg / 99lb

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: Defined as 3dB greater than the AES rating.
Sensitivity: Measured on axis at 1W, 1m in 2? anechoic environment.
Parameters: Measured after unit subjected to pre-conditioning signal.
Xmax: 0.5*(Hvc-Hg) + 0.25*Hg

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