

LF Loudspeakers

CF1230F



12-inch, cast aluminium chassis, ferrite magnet LF driver

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

1000W

Continuous power rating

98dB

sensitivity

3in

Edgewound clad copper voice aluminium coil

General Specifications

| | |
|-------------------------|--|
| Nominal Diameter | 305mm / 12in |
| Power Rating | 500W |
| Continuous power rating | 1000W |
| Rated impedance | 8 ohm |
| Sensitivity | 98dB |
| Frequency range | 50-3000Hz |
| Chassis type | Cast aluminium |
| Magnet type | Ferrite |
| Magnet weight | 2.2kg / 75oz |
| Voice coil diameter | 75mm / 3in |
| Voice coil material | Edgewound copper clad aluminium |
| Former material | Glass fibre |
| Cone material | Glass loaded paper (weather-resistant) |
| Surround material | Cloth-sealed |
| Suspension | Single |
| Gap height (Hg) | 8mm / 0.31in |
| VC winding height (Hvc) | 19mm / 0.75in |

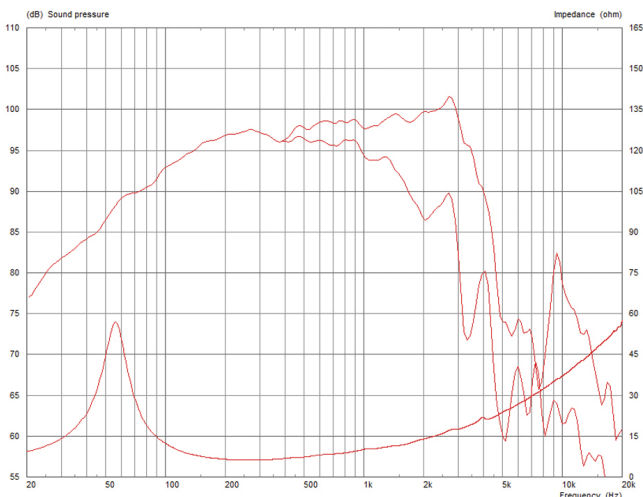
Parameters

| | |
|--------------|--|
| Sd | 530.93cm ² / 82.29in ² |
| Fs | 56.50Hz |
| Mms | 63.75g / 2.25oz |
| Qms | 4.33 |
| Qes | 0.342 |
| Qts | 0.317 |
| Re | 5.08 ohm |
| Vas | 49.61l / 1.75ft ³ |
| Bl | 18.33Tm |
| Cms | 0.12mm/N |
| Rms | 5.23kg/s |
| Le (at 1kHz) | 0.74mH |
| Xmax | 7.5mm / 0.3in |

Mounting Information

| | |
|--------------------------|-------------------------|
| Overall diameter | 315mm / 12.4in |
| Overall depth | 153mm / 6.0in |
| Cut-out diameter | 285.6mm / 11.24in |
| Mounting hole dimensions | 10x6.5mm / 0.39x0.26in |
| Number of mounting holes | 8 |
| Mounting hole PCD | 294-300mm / 11.6-11.8in |
| Unit weight | 6.8kg / 14.9lb |

Frequency Response and Impedance Curves



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

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 |