

LF Loudspeakers

CF1025BMB

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







- Optimised for bass and mid/bass applications
- Half-roll Elastomer surround enables greater Xmax and Xmech
- Modified T-pole profile ensures improved BI symmetry, for lower distortion performance
- Glass-loaded paper cone with weather-resistant coating
- Airflow vented magnet assembly for dynamic heat dispersion

General Specifications

Chassis type

 $\begin{array}{lll} \mbox{Nominal Diameter} & 254\mbox{mm} \, / \, 10\mbox{in} \\ \mbox{Power Rating} & 300\mbox{W} \\ \mbox{Continuous power rating} & 600\mbox{W} \\ \mbox{Rated impedance} & 8 \, \Omega \\ \mbox{Sensitivity} & 92.5\mbox{dB} \\ \mbox{Frequency range} & 45-5000\mbox{Hz} \\ \end{array}$

Magnet type Ferrite

Magnet weight 1.42kg / 50oz
Voice coil diameter 64mm / 2.5in
Voice coil material Round copper
Former material Polyimide

Cone material Glass loaded paper (

weather-resistant)

Cast aluminium

Surround material Elastomer
Suspension Single
Gap height (Hg) 8mm / 0.31in
VC winding height (Hvc) 17.3mm / 0.68in

Mounting Information

Overall diameter 265mm / 10.43in

Overall depth 124.5mm / 4.9in

Cut-out diameter 233.8mm / 9.2in

Mounting hole dimensions 8x6.5mm / 0.31x0.26i

n 8

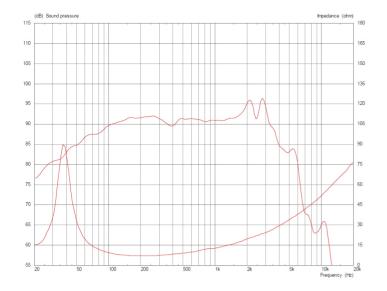
Number of mounting holes

Mounting hole PCD 244.5-247.5mm / 9.63

-9.75in

Unit weight 4.3kg / 9.5lb

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

Parameters

Sd 346.36cm2 / 53.69in2

Fs 40.9Hz

Mms 55.865g / 1.97oz

 $\begin{array}{ccc} \text{Qms} & 7.952 \\ \text{Qes} & 0.371 \\ \text{Qts} & 0.355 \\ \text{Re} & 6.04\,\Omega \end{array}$

Vas 46.11 / 1.63 ft 3

 Bi
 15.28Tm

 Cms
 0.271 mm/N

 Rms
 1.804mm/N

 Le (at 1kHz)
 1.15mH

Xmax 6.65mm / 0.26in

Packed Dimensions & Weight

Single pack size W x D x H 306mm x 306mm x 155m

m / 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 290m

m / 21.9in x 20.5in

x 11.4in

Multi pack weight 45kg / 99lb

