CELESTION

LF Loudspeakers

CF0617M



Mounting Information

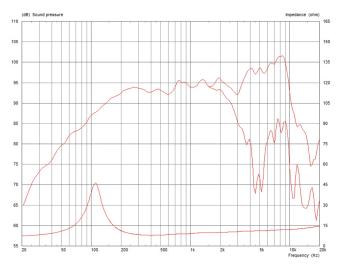
Overall diameter
Overall depth
Cut-out diameter
Mounting hole dimensions
Number of mounting holes
Mounting hole PCD
Unit weight

189mm / 7.44in (max) 78.5mm / 3.1in 150mm / 5.9in 7.5x5.5mm / 0.3x0.22in

173-175mm / 6.81-6.89in

1.9kg / 4.2lb

Frequency Response and Impedance Curves



6.5-inch, cast aluminium chassis, ferrite magnet midrange driver

- Inverted dustcap for close positioning of phase plug
- High temperature environmentally robust foam surround
- Copper sleeved pole reduces HF inductive rise
- Chassis design allows for fixing of rear cover

400W Continuous power rating 96dB sensitivity

1.75in
Edgewound clad
copper voice
aluminium coil

General Specifications

Nominal Diameter 165mm / 6.5in Power Rating 200W Continuous power rating 400W Rated impedance 8 ohm Sensitivity 96dB 300-7000Hz Frequency range Chassis type Cast aluminium Magnet type Ferrite Magnet weight 0.6kg / 22oz Voice coil diameter 45mm / 1.75in

Voice coil material Edgewound copper clad aluminium

8.4mm / 0.33in

Former material Glass fibre
Cone material Kevlar loaded paper
Surround material Temperature-resistant foam
Suspension Single
Gap height (Hg) 6mm / 0.24in

Parameters

VC winding height (Hvc)

Sd 153.94cm² / 23.86in² 116.6Hz Mms 11.59g / 0.41oz 6.93 Oms Qes 0.481 0.451 Qts Re 5.3 ohm 5.39I / 0.19ft³ Vas ВΙ 9.68Tm Cms 0.16mm/N Rms 1.23kg/s Le (at 1kHz) 1.73mH 2.7mm / 0.11in **Xmax**

Packed Dimensions & Weight

Single pack size W x D x H 190mm x 190mm x 110mm / x 7.5in 7.5in x 4.3in

Single pack weight 2.5kg / 5.5lb

 Multi pack qty
 8

 Multi pack size W x D x H
 345mm x 345mm x 190mm / x

13.6in 12.4in x 7.5in

Multi pack weight 20kg / 44lb

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 pi anechoic environment. Parameters: Measured after unit subjected to pre-conditioning signal.

Xmax: 0.5*(Hvc-Hg) + 0.25*Hg

