CELESTION

LF Loudspeakers **TF1020**

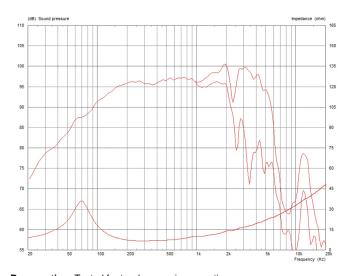


Mounting Information

Overall diameter 256mm / 10.08in Overall depth 110mm / 4.3in Cut-out diameter 229mm / 9.02in 8x6mm / 0.31x0.24in Mounting hole dimensions Number of mounting holes

Mounting hole PCD 245mm / 9.65in Unit weight 3.7kg / 8.2lb

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 pi anechoic

environment.

Parameters: Measured after unit subjected to pre-conditioning

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

10-inch pressed steel chassis, ferrite magnet mid/bass driver

300W Continuous power rating **97dB** sensitivity

2in Round copper voice coil

General Specifications

Nominal Diameter 254mm / 10in Power Rating 150W Continuous power rating 300W 250W EIA power rating Rated impedance 8 ohm Sensitivity 97dB Frequency range 60-5500Hz Chassis type Pressed steel Magnet type Ferrite Magnet weight 1.2kg / 42oz Voice coil diameter 50mm / 2in Voice coil material Round copper Former material Polyimide Cone material Kevlar loaded paper Surround material Cloth-sealed Suspension Single Gap height (Hg) 8mm / 0.31in VC winding height (Hvc) 12mm / 0.47in Additional impedances

Parameters

Sd 346.36cm² / 53.69in² Fs 69 40Hz Mms 31.10g / 1.10oz 2.454 Qms Qes 0.372 0.323 Ots Re 5.45 ohm Vas 28.75I / 1.02ft3 Ы 14.10Tm 0.17mm/N Cms Rms 5.52kg/s Le (at 1kHz) 0.60mH 4mm / 0.16in **Xmax**

Packed Dimensions & Weight

Single pack size W x D x H 280mm x 280mm x 120mm / x

11.0in 11.0in x 4.7in Single pack weight 4.2kg / 9.2lb

Multi pack qty

Multi pack size W x D x H 1080mm x 880mm x 840mm /

42.5in x 34.6in x 33.1in

Multi pack weight 390kg / 860lb

