

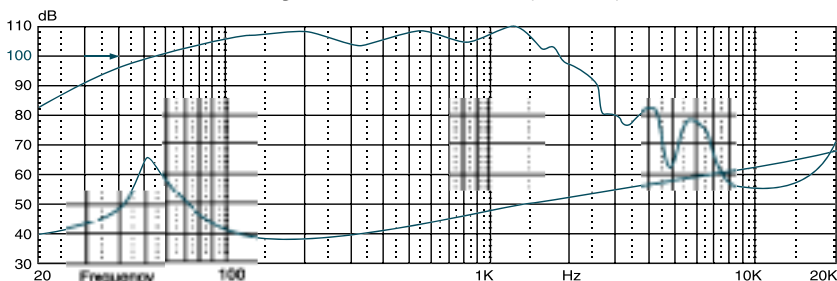


C18-650EL

Nominal OD.	: 18" (460mm)
Nominal Impedance	: 8 Ohms
Power Rating	: 650 W(rms)
Average Sensitivity 1W @ 1 m	: 98 dB
Operating Bandwidth	: 30 Hz -800 Hz
Magnet Size	: 220 mm (8.66 in)
Magnet Weight	: 3.56 Kgs, 125.68 oz
Magnet Gap Dept	: 0.59", 15 mm
Voice Coil Diameter	: 4", 99.3 mm
Transducer Mass	: 12.44 Kg
Net Weight	: 12.88 Kg 28.33 Lb
Gross Weight	: 15.13Kg 33.28Lb
Packing Dimension WxLxH(mm)	: 510 X 510 X 270
	: 20in X 20in X 10.6in
	: 2.48Cu.Ft

THIELE-SMALL PARAMETERS

Resonance Frequency	(fs)	: 42 Hz
DC.Resistance	(Re)	: 5.4 Ω
Coil Inductance	(Le)	: 1.79 mH
Mechanical Q	(Qms)	: 5.45
Electromagnetic Q	(Qes)	: 0.33
Total Q	(Qts)	: 0.31
Compliance Equivalent Volume	(Vas)	: 170 Liters
Mechanical Compliance of suspension	(Cms)	: 153.74 uM/N
BL Product	(BL)	: 19.74 Tm
Diaphragm mass Inc.Airload	(Mms)	: 89.31 gm
Surface Area of Cone	(Sd)	: 0.1225 Sqm
Efficiency Bandwidth Product	(EBP)	: 127.27
Voice Coil Over Hang	(X-max)	: 5.0 mm



APPLICATION

* Performance optimized for Low frequency in fixed or touring sound systems.

MATERIALS OF CONSTRUCTION

- * Fiber glass (polymide) High Temp. 400°C voice coil former
- * High Temp. 300°C aluminum rectangular wire
- * Ferrite magnet
- * Die cast aluminum basket
- * Paper cone
- * Solid composition paper dust cap
- * Tear resistant Teton-cotton blend rolled cloth edge
- * Cotton polyester blend spider

MOUNTING INFORMATION

