



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 2.494 cu.ft

V(total) = 2.946 cu.ft

Fb = 21.58 Hz

QL = 6.678

F3 = 22.71 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = rectangle

Vent ends = one flush

Hv = 2 in

Wv = 7.5 in

Lv = 33.05 in

Driver Properties

--Description--

Name: jl w6v3

Type: Standard one-way driver

Company: JL Audio Inc

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 26.19 Hz

Qms = 9.365

Vas = 54.37 liters

Cms = 0.162 mm/N

Mms = 227.8 g

Rms = 4.004 kg/s

Xmax = 19 mm

Xmech = 28.5 mm

P-Dia = 248.8 mm

Sd = 486 sq.cm

P-Vd = 0.923 liters

--Electrical Parameters--

Qes = 0.487

Re = 6.493 ohms

Z = 8 ohms

BL = 22.36 Tm

Pe = 600 watts

--Electromech. Parameters--

Qts = 0.463

no = 0.193 %

1-W SPL = 85.4 dB

2.83-V SPL = 85.92 dB



Wiring Diagram







