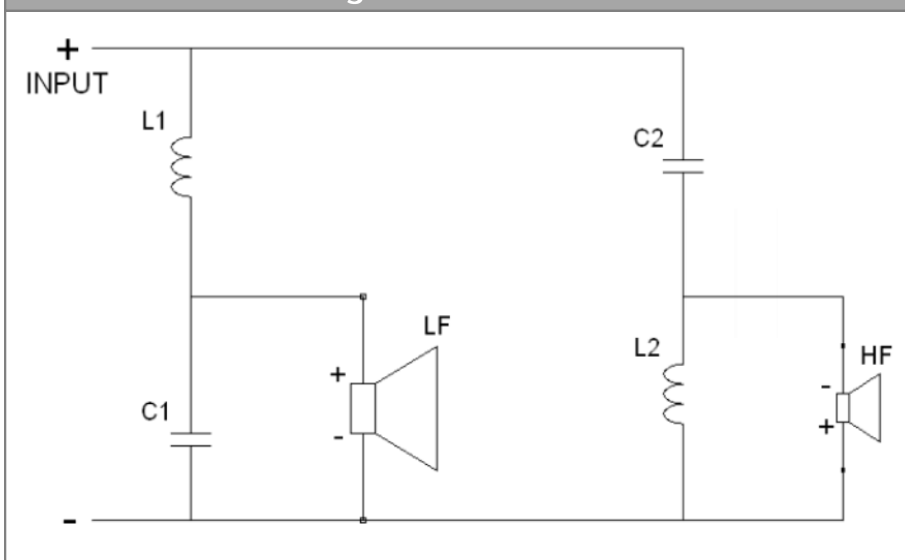


SUGGESTED CROSSOVER DESIGN

Crossover Circuit Diagram



Crossover Circuit Components

No.	Component	Value	Description	Additional
C_1	Capacitor	$4.7\mu\text{F}$	Polyprop, non-polarised	5% >250V
C_2	Capacitor	$1.5\mu\text{F}$	Polyprop, non-polarised	5% >250V
L_1	Inductor	0.6mH	Air-cored	<0.3 Ω
L_2	Inductor	0.115mH	Air-cored	<0.3 Ω

TFX0412

Pressed steel chassis,
Coaxial driver

General Driver Specifications

Power rating: LF...100Wrms (AES Standard)
 Power rating: HF...200Wrms (AES Standard)
 Nominal Impedance: LF.....8 Ω
 Nominal Impedance: HF.....8 Ω
 Sensitivity: LF.....86dB
 Sensitivity: HF.....107dB
 Overall frequency response..90Hz-20,000Hz
 Crossover frequency.....2500Hz

Suggested Cabinet Alignment

Volume (Vb).....5lt/0.18ft³
 Tuning frequency (Fb).....75Hz
 Vent diameter (Vd).....45mm/1.8in
 Vent length (Vl).....120mm/2in

Driver Mounting Information

Overall diameter: max.....126mm/4.96in
 Overall depth.....74.2mm/2.9in
 Terminal: LF.....Spade, 6.3mm/0.25in
 Terminal: HF.....Spade, 6.3mm/0.25in
 Cut-out diameter.....102mm/4.02in
 Mounting slot dims.....5x7mm/0.2x0.28in
 Number of mounting slots.....4
 Mounting PCD114.4mm/4.5in
 Unit weight.....0.6kg/1.3lb



CELESTION