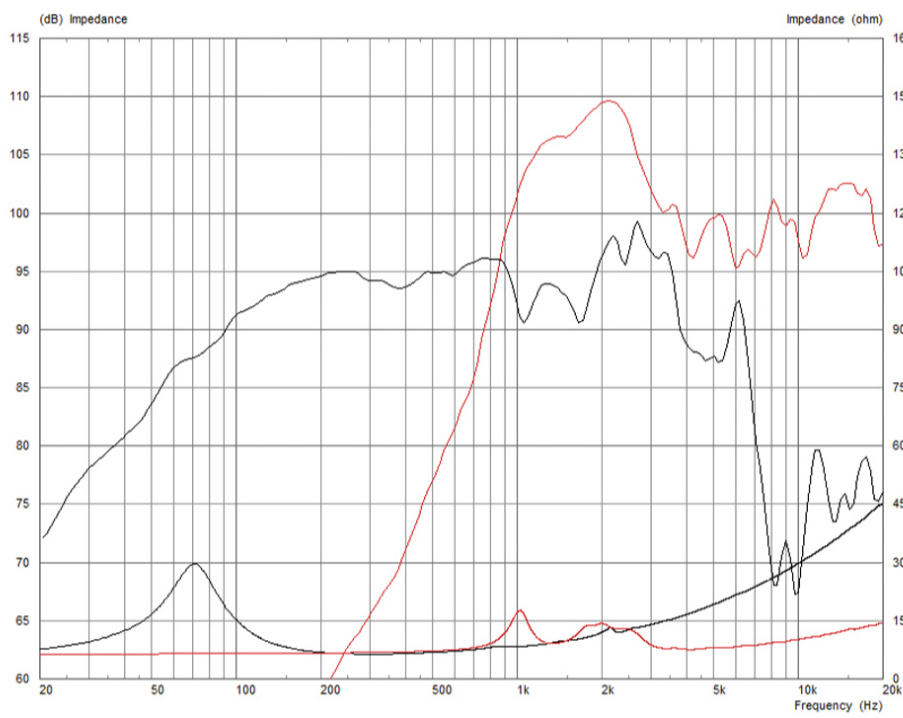


FTX1025



Ferrite magnet assembly acts as common motor for both LF and HF Polyimide HF diaphragm Demodulation ring 100° nominal HF coverage HF repair kit available

Frequency Response and Impedance Curves



Black: LF response curve | Red: HF response curve

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 is defined as 3dB greater than the AES rating.

Sensitivity measured on axis at 1W, 1m in 2 anechoic environment.

Xmax is derived from: (voice coil winding width-gap depth)/2.

Small Signal Parameters are measured after unit subjected to pre-conditioning signal.

General Specifications

Nominal Diameter	254mm/10in
Power Rating	300W
Continuous Power Rating	600W
Sensitivity	96dB
Rated Impedance	8
Frequency Range	60Hz-5000Hz
Voice coil diameter (mm)	64mm
Voice coil diameter (in)	2.5in
Chassis Type	Cast Aluminium
Magnet Type	Ferrite
Magnet Weight	1.5kg/54oz
Voice coil material	Edgewound copper clad aluminium
Former Material	Glass fibre
Cone material	kevlar loaded paper
Surround Material	Cloth-sealed
Suspension	Single
xmax	3mm/0.12in
Gap Depth	8mm/0.31in
Voice coil winding width	14mm/0.55in

Mounting Information

Mounting slot dimensions	7.5mm x 6.5mm/0.29in x 0.26in
Mounting slot PCD	244mm-247mm/9.6in-9.7in
Number of mounting slots	8
Overall Depth	113mm/4.46in
Overall Diameter (mm)	260mm
overall_diameter_in	10.24in
Cut-out diameter	234mm/9.21in
Unit Weight	4.5kg/9.9lb

Small Signal Parameters

Sd	346.36cm ² /53.69in ²
Fs	71.50Hz
Mms	32.55g/1.15oz
Qms	2.788
Qes	0.523
Qts	0.44
Re	5.42
Vas	25.85l/0.91ft ³
Bi	12.30Tm
Cms	0.15mm/N
Rms	5.25kg/s
Le (at 1kHz)	0.48mH

Additional HF Specifications

Power Rating	40W
Continuous Power Rating	80W
Nominal Impedance	8
Sensitivity	104dB
Frequency Range	1000Hz-20,000Hz
Recommended Min Crossover	12000Hz
Voice Coil Diameter	34mm/1.4in
Magnet Type	Dual ferrite magnet motor
Diaphragm and Surround Material	Polyimide

Packed Dimensions & Weight

Single pack size W x D x H	303mm x 303mm x 178mm 11.9in x 11.9in x 7.0in
single_pack_weight	5.2kg/11.4lb
Multi Pack Qty	32
Multi pack size W x D x H	960mm x 1070mm x 890mm 37.7in x 42.1in x 35.0in
Multi pack weight	175kg/205lb