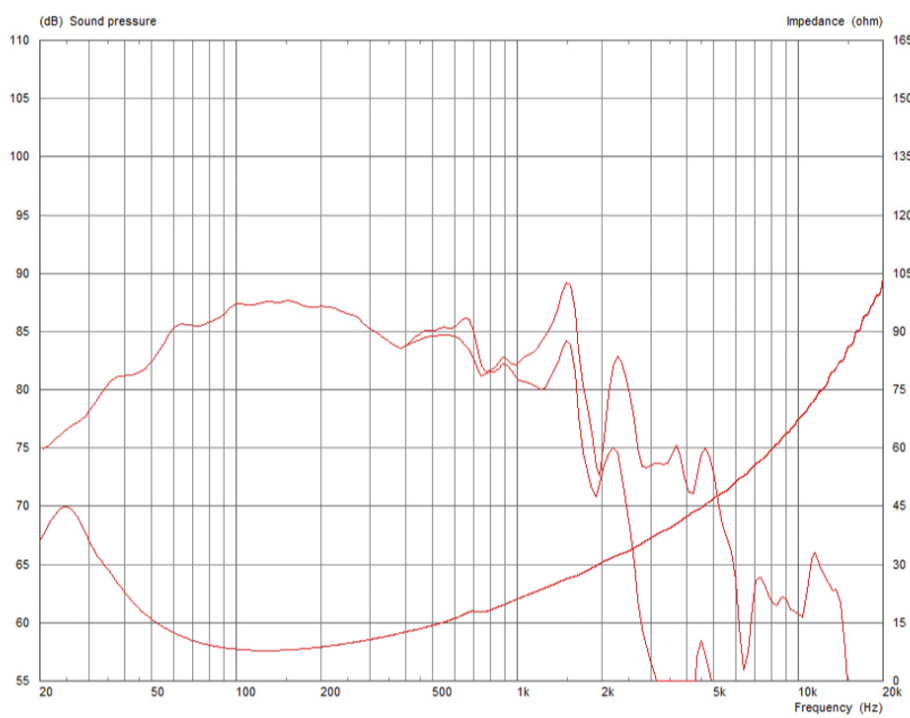


**FTR12-4080DL**



Half-roll elastomer surround Long excursion: 11.25mm mathematical Xmax  
 Glass loaded paper cone with weather-resistant impregnation Optimised  
 double suspension Airflow vented magnet assembly for dynamic heat  
 dispersion

**Frequency Response and Impedance Curves**



Topmost curve: Frequency response on axis | Secondary curve: Frequency response at 45° off axis

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	305mm/12in
Power Rating	700W
Continuous Power Rating	1400W
Sensitivity	88dB
Rated Impedance	8
Frequency Range	20Hz-300Hz
Voice coil diameter (mm)	100mm
Voice coil diameter (in)	4in
Chassis Type	Cast Aluminium
Magnet Type	Ferrite
Magnet Weight	3.6kg/126oz
Voice coil material	Round copper
Former Material	Aluminium
Cone material	Glass loaded paper (weather-resistant)
Surround Material	Elastomer
Suspension	Double
xmax	11.25mm/0.44in
Gap Depth	9.5mm/0.37in
Voice coil winding width	32mm/1.26in

**Mounting Information**

Mounting slot dimensions	10mm x 7mm/0.39in x 0.27in
Mounting slot PCD	291mm-301mm/11.7in-11.9in
Number of mounting slots	8
Overall Depth	169mm/6.7in
Overall Diameter (mm)	313mm
overall_diameter_in	12.3in
Cut-out diameter	282mm/11.1in
Unit Weight	10.2kg/22.4lb

**Small Signal Parameters**

Sd	530.93cm <sup>2</sup> /82.29in <sup>2</sup>
Fs	28.90Hz
Mms	176.07g/6.21oz
Qms	2.466
Qes	0.345
Qts	0.303
Re	6.24
Vas	68.60L/2.42ft <sup>3</sup>
Bi	24.05Tm
Cms	0.17mm/N
Rms	12.97kg/s
Le (at 1kHz)	2.07mH

**Packed Dimensions & Weight**

Multi Pack Qty	36
Multi pack size W x D x H	1210mm x 1050mm x 980mm 47.6in x 41.3in x 35.4in
Multi pack weight	400kg/880lb