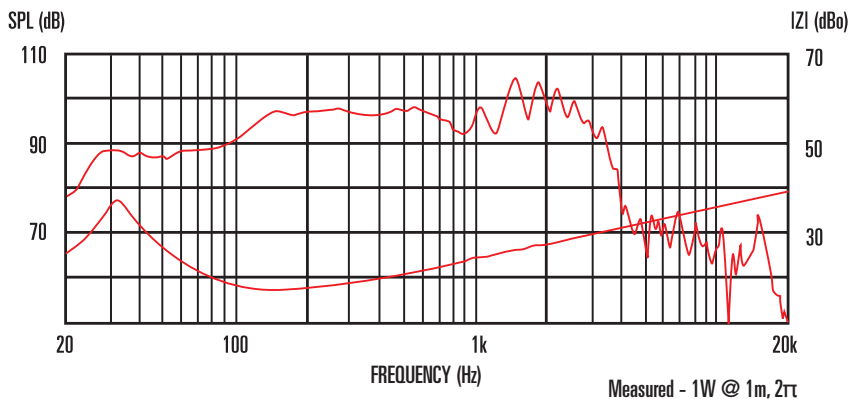


# FTR18-4080F



- 600Wrms continuous power handling (AES Standard)
- Flexirol™ technology for greater excursion control
- Saturated gap technology for lower harmonic distortion
- Low frequency response, down to 30Hz
- Smart chassis design minimises acoustic distortion
- Specially treated weather-resistant cone

## Frequency Response and Impedance Curves



## General Specifications

Nominal diameter (mm/in)	457/18
Power rating (AES, W rms)	600
Nominal impedance ( $\Omega$ )	8
Voice coil diameter (mm/in)	100/4
Magnet type	Ferrite
Magnet weight (kg/oz)	3.1/110
Chassis type	Cast Aluminium
Sensitivity (dB)	97
Frequency range (Hz)	30-3000
Coil material	Round copper
Former material	Glass fibre
Cone material	Glass loaded paper with weather resistant impregnation
Surround material	Cloth-sealed
Suspension	Single
Xmax (mm/in)	6.0/0.24
Gap depth (mm/in)	10.0/0.39
Voice coil winding width (mm/in)	22.0/0.87

## Small Signal Parameters

D (m/in)	0.38/14.96
Fs (Hz)	32.7
Mmt (g/oz)	158.22/5.58
Mmd (g/oz)	136.61/4.82
Qms	5.24
Qes	0.32
Qts	0.30
Re ( $\Omega$ )	5.31
Vas (lt/ft <sup>3</sup> )	271.99/9.6
Bl (Tm)	23.31
Cms (mm/N)	0.15
Rms (kg/s)	6.21
Le (mH)	1.46

## Mounting Information

Overall diameter (mm/in)	462/18.19
Overall depth (mm/in)	205/8.07
Cut-out diameter (mm/in)	416/16.38
Mounting slot dimensions (mm/in)	7 x 10/0.28 x 0.39
Number of mounting slots	8
Mounting PCD range (mm/in)	429-440/16.89-17.32
Unit weight (kg/lb)	9.7/21.4

## Packed Dimensions & Weight

Single pack size W x D x H (mm/in)	500 x 500 x 240
	19.7 x 19.7 x 9.4
Single pack weight (kg/lb)	11.5/25.4
Multi pack (24) size W x D x H (mm/in)	1500 x 1000 x 980/59.1 x 39.4 x 38.6
Multi pack (24) weight (kg/lb)	276/608