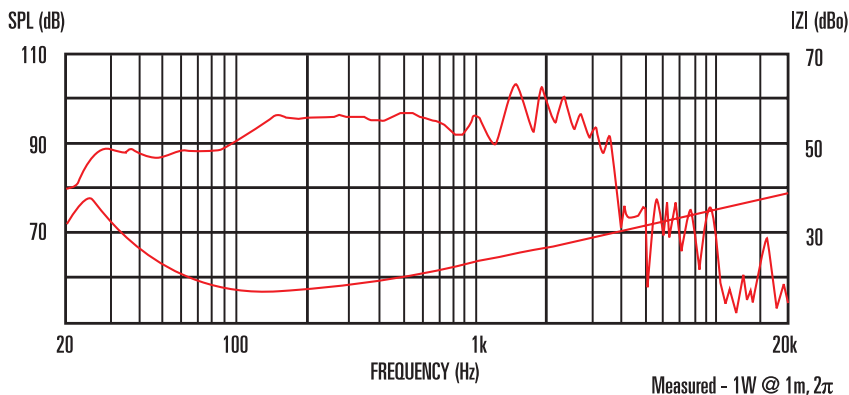


FTR18-4080FD



- **1000Wrms continuous power handling (AES Standard)**
- **Flexirol™ technology for greater excursion control**
- **Double suspension for exceptional linearity at the highest excursions**
- **Saturated gap technology for lower harmonic distortion**
- **Low frequency response, down to 30Hz**
- **Smart chassis design minimises acoustic distortion**

Frequency Response and Impedance Curves



General Specifications

| | |
|----------------------------------|--|
| Nominal diameter (mm/in) | 457/18 |
| Power rating (AES, W rms) | 1000 |
| Nominal impedance (Ω) | 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) | 30-2500 |
| Coil material | Round copper |
| Former material | Glass fibre |
| Cone material | Glass loaded paper with weather resistant impregnation |
| Surround material | Cloth-sealed |
| Suspension | Double |
| 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) | 26 |
| Mmt (g/oz) | 172.42/6.08 |
| Mmd (g/oz) | 150.81/5.32 |
| Qms | 4.33 |
| Qes | 0.29 |
| Qts | 0.27 |
| Re (Ω) | 5.39 |
| Vas (lt/ft ³) | 395.56/13.96 |
| Bl (Tm) | 22.88 |
| Cms (mm/N) | 0.22 |
| Rms (kg/s) | 6.506 |
| Le (mH) | 1.41 |

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) | 9.8/21.6 |

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) | 11.6/25.6 |
| 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) | 278/608 |