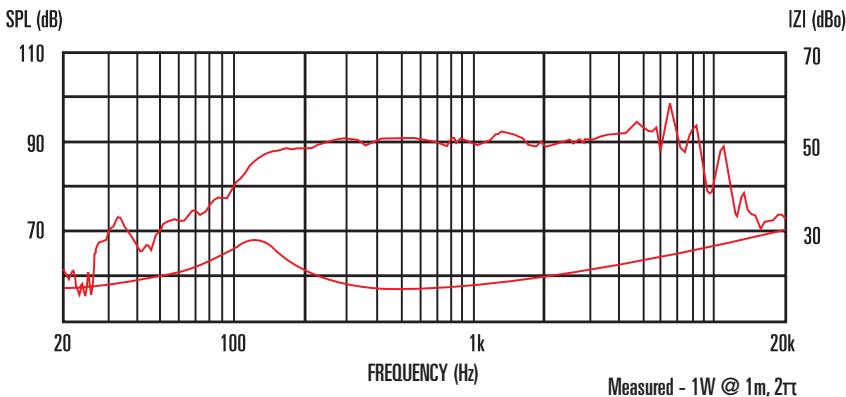


TF0510



- **Multi-purpose drive unit delivering clear bass and mid frequencies**
- **Impressive extended frequency range**
- **Ideal for use in multiple speaker systems: as LF driver in 2-way systems, as MF driver in 3-way systems**

Frequency Response and Impedance Curves



General Specifications

Nominal diameter (mm/in)	127/5
Power rating (AES, W rms)	30
Nominal impedance (Ω)	8
Voice coil diameter (mm/in)	25/1.0
Magnet type	Ferrite
Magnet weight (kg/oz)	0.37/13
Chassis type	Pressed steel
Sensitivity (dB)	91
Frequency range (Hz)	130-8000
Coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Xmax (mm/in)	1.1/0.04
Gap depth (mm/in)	5.0/0.20
Voice coil winding width (mm/in)	7.3/0.29

Small Signal Parameters

D (m/in)	0.10/3.94
F _s (Hz)	106
M _{air} (g/oz)	0.39/0.014
M _{md} (g/oz)	5.3/0.187
Q _{ms}	2.40
Q _{es}	0.58
Q _{ts}	0.46
R _e (Ω)	6.43
V _{as} (lt/ft ³)	4.2/0.15
Bl (Tm)	6.5
C _{ms} (mm/N)	0.40
R _{ms} (kg/s)	1.60
L _e (mH)	0.38

Mounting Information

Overall diameter (mm/in)	136 x 151/5.35 x 5.94
Overall depth (mm/in)	68/2.68
Cut-out diameter (mm/in)	117/4.61
Mounting slot dimensions (mm/in)	∅ 4.5/0.18
Number of mounting slots	4
Mounting PCD range (mm/in)	140/5.51
Unit weight (kg/lb)	1.0/2.2

Packed Dimensions & Weight

Single pack size W x D x H (mm/in)	170 x 180 x 70
	/6.7 x 7.1 x 2.8
Single pack weight (kg/lb)	1.5/3.3
Multi pack (12) size W x D x H (mm/in)	320 x 550 x 190
	/12.6 x 21.7 x 7.5
Multi pack (12) weight (kg/lb)	13/29