

TF1018

Ferrite magnet pressed steel chassis driver

General Specifications

Nominal diameter	254mm/10in
Power rating ¹	100Wrms
Nominal impedance	8Ω
Sensitivity ²	96dB
Frequency range	70-6000Hz
Voice coil diameter	45mm/1.75in
Chassis type	Pressed steel
Magnet type	Ferrite
Magnet weight	0.88kg/31oz
Coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Xmax ³	2mm/0.08in
Gap depth	6mm/0.24in
Voice coil winding width	10mm/0.39in

Small Signal Parameters

D	0.21m/8.27in
Fs	79.8Hz
Mms	28.31g/0.99oz
Mmd	24.67g/0.87oz
Qms	3.381
Qes	0.624
Qts	0.527
Re	5.73Ω
Vas	23.84lt/0.841ft ³
Bl	11.42Tm
Cms	0.14mm/N
Rms	4.199kg/s
Le (at 1kHz)	0.54mH

Mounting Information

Overall diameter	256mm/10.08in
Overall depth	102mm/4.02in
Cut-out diameter	229mm/9.02in
Mounting slot dimensions	8mm x 6mm/0.31in x 0.24in
Number of mounting slots	8
Mounting PCD range	242-246mm/9.53-9.65in
Unit weight	2.4kg/5.3lb

Packed Dimensions & Weight

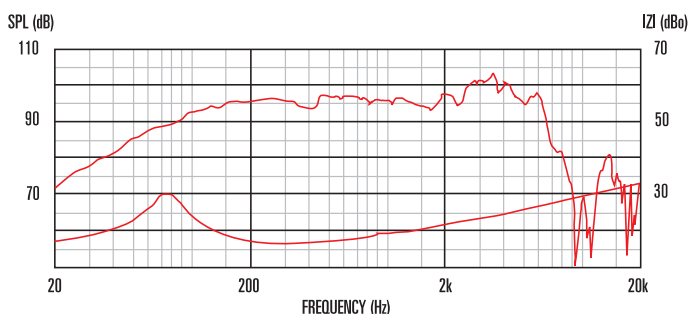
Single pack size W x D x H	280mm x 280mm x 120mm
	/11.0in x 11.0in x 4.7in
Single pack weight	3kg/6.6lb
Multi pack (96) size W x D x H	1080mm x 880mm x 840mm
	/42.5in x 34.6in x 33.1in
Multi pack (96) weight	265kg/585lb



Features

- 10" driver providing 96dB sensitivity and 100Wrms (AES standard) power handling
- 1.75" high temperature copper voice coil wound on polyimide for increased reliability
- Superior bass and mid-range performance
- Rigid chassis design for maximum energy transfer
- Excellent price/performance ratio

Frequency Response and Impedance Curves



Measured - 1W @ 1m, 2π

1. 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.
 2. Measured on axis at 1W, 1m in 2π anechoic environment.
 3. Xmax derived from: (voice coil winding width-gap depth)/2.