

PowerSlim6 Carbon Ultra Slim Mid-woofer Ø 6", Ø 2.1" voicecoil, 4Ω



SPECIFICATIONS

General Data

00110101 = 0110		
Overall Dimensions	DxH	160mm x 16.7mm(6.3" x 0.65")
Nominal Power Handling (DIN)	Р	70 watt
Transient Power 10ms		180 watt
Sensitivity 2.83V/1M		89 dBSPL
Frequency Response		See graph
Cone Material		Carbon sandwich 3 layer cone
Net Weight	Kg	0.48
Floctrical Data		

| **Electrical Data**

Nominal Impedance	Z	6Ω
DC Resistance	Re	4Ω
Voice Coil Inductance @ 1KHz	LBM	0.26mH

Voice Con and Magnet Farameters				
Voice Coil Diameter	DIA	54mm		
Voice Coil Height		9.5mm		
HE Magnetic Gap Height	HE	4mm		
Max. Linear Excursion	X	± 2.75mm		
Voice Coil Former		Aluminum		
Voice Coil Wire		Hexatech™ Aluminum		
Number Of Layers		2		
Magnet System Type		Neodymium Vented		
B Flux Density	В	1.13T		
BL Product	BXL	7.08T		
T-S Parameters		Small Signal	1 V	

Small Signal Suspension Compliance **Cms**

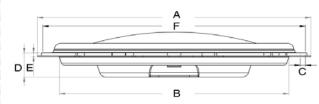
Mechanical Q Factor	Qms	2.16
Electrical Q Factor	Qes	0.88
Total Q Factor	Qts	0.62
Mechanical Resistance	Rms	2.98 ΩM
Moving Mass	Mms	14.15 g
Eq. Cas Air Load (liters)	VAS	8.4 L
Resonant Frequency	Fs	72 Hz
Effective Piston Area	SD	133 cm ²

FEATURES

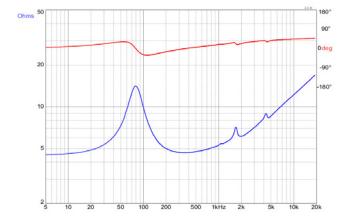
- Ultra Shallow Profile
- 2.1" Large Hexatech™ Aluminum voice coil
- Neodymium Magnet System
- High power handling
- Carbon Cone

0.34 mm/N

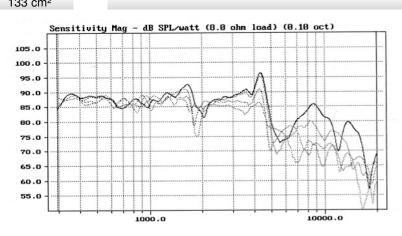
UNIT DIMENSIONS



A - Overall diameter	160mm
B - Cut out diameter	134mm
C - Flange thickness	1.3mm
D - Overall height	33.4mm
E - Basket depth	14.1mm
F - Mounting holes location diameter	154mm
G - 4 Mounting holes, at 90° interval,	
inner hole diameter	Ø 3 mm



Driver is mounted rigidly in free air with no baffle or enclosure. Input signal is a stepped sinusoidal at 1VRMS. Impedance is measured using constant-voltage method. No smoothing



Driver was mounted rigidly on an IEC baffle. Microphone distance is 0.5m, input voltage 2.83VRMS and normalized to 1m. 1/12 octave smoothing was applied.