

12 INCH Car Subwoofer



SPECIFICATIONS

General Data		Unit	FEATURES
Overall Dimensions	Ø318 x 266	mm	Cast Aluminium Basket Carbon Fibre Cone, High Density Foam Surround Carbon Fibre Dust Cap High Temperature Black Aluminium CCAR Voice Coil Ferrite Magnet Structure
Nominal Power Handling	3500	W	
Maximum Power	7000	W	
Sensitivity	88	dB	
Frequency Response	40~500	Hz	
Cone Material	Carbon Fibre		Dimensions
Basket	Cast Aluminium		
Net Weight	34	kg	
Electrical Data			
Nominal Impedance	2x1 / 2x2	Ohm	
DC Resistance	2x0.8 / 2x1.6	Ohm	
Voice Coil and Magnet Parameters			
Voice Coil Diameter	100	mm	
Voice Coil Height	70	mm	
Magnetic Gap Height	25	mm	
Voice Coil Robbin	Black Aluminium		
Number of Layers	4 Layers		
T-S Parameters			
Suspension Compliance	41.409µM/N / 44.478µM/N	Cms	
Mechanical Q Factor	5.105 / 3.696	Qms	
Electrical Q Factor	0.386 / 0.448	Qes	
Total Q Factor	0.359 / 0.399	Qts	
Moving Mass	335.971g / 355.555g	Mms	
Eq. Cas AIR Loaded	12.022L / 12.913L	Vas	
Resonant Frequency	41.454Hz / 40.021Hz	Fs	
Effective Piston Area	452.16cm ²	SD	

