

**Model:RS-ELITE18.D2(D4)**

**18 INCH Car Subwoofer**



**SPECIFICATIONS**

General Data		Unit	FEATURES
Overall Dimensions	Ø473 x 320	mm	Cast Aluminium Basket
Nominal Power Handling	3000W	W	Glassfibre Cone, High Density Foam Surround
Maximum Power	6000W	W	Carbonfibre Dust Cap
Sensitivity	90	dB	High Temperature 3Inch CCAW Voice Coil
Frequency Response	36~500	Hz	High Performance 512oz Ferrite Magnet Structure

Cone Material		Glassfibre		Dimensions	
Basket	Aluminium				
Net Weight	35	kg			

Electrical Data		
Nominal Impedance	2x2 / 2x4	Ohm
DC Resistance	2x1.6 / 2x3.2	Ohm

Voice Coil and Magnet Parameters		
Voice Coil Diameter	76.5	mm
Voice Coil Height	70	mm
Magnetic Gap Height	24	mm
Voice Coil Robbin	Black Aluminium	
Number of Layers	4 Layers	

T-S Parameters		
Suspension Compliance	32.850/36.547µM/N	Cms
Mechanical Q Factor	8.851/7.845	Qms
Electrical Q Factor	0.508/0.601	Qes
Total Q Factor	0.481/0.559	Qts
Moving Mass	679.011/340.263g	Mms
Eq. Cas AIR Loaded	48.246/25.904L	Vas
Resonant Frequency	33.699/45.113Hz	Fs
Effective Piston Area	706.5cm <sup>2</sup>	SD

