

**Model: RS-M8F**

**20CM Mid-Range Speaker**



**SPECIFICATIONS**

General Data		Unit	FEATURES
Overall Dimensions	∅ 216 x 97	mm	Steel Basket
Nominal Power Handling	150	W	Reinforced Pulp Paper Cone, Treated Cloth Surround
Maximum Power	300	W	Aluminium Phase Plug
Sensitivity	97	dB	High Temperature CCAW Voice Coil
Frequency Response	100~18000	Hz	High Performance Ferrite Magnet Structure

Cone Material	Reinforced Pulp Paper	
Basket	Steel	
Net Weight	2.68	kg

Electrical Data		
Nominal Impedance	4	Ohm
DC Resistance	3.2	Ohm

Voice Coil and Magnet Parameters		
Voice Coil Diameter	38.6	mm
Voice Coil Height	8	mm
Magnetic Gap Height	6	mm
Voice Coil Robbin	Kapton	
Number of Layers	2	

T-S Parameters		
Suspension Compliance	205.527µM/N	Cms
Mechanical Q Factor	9.792	Qms
Electrical Q Factor	0.528	Qes
Total Q Factor	0.501	Qts
Moving Mass	11.3g	Mms
Eq. Cas AIR Loaded	13.33L	Vas
Resonant Frequency	104.437Hz	Fs
Effective Piston Area	213.716cm <sup>2</sup>	SD

