

FG165S

- ★ 6.5" (165MM) 2-Way Car Component Speaker
- ★ Max power 450W / Nom. power 100W
- ★ Frequency response 54Hz-20KHz



SPECIFICATIONS

General Data			Unit
Type	Woofers	Tweeter	
Overall Dimensions	165.5*80mm		mm
Nominal Power Handling	100	25	W
Transient Power 10ms	450	50	W
Sensitivity	92	90	db
Frequency Response	54-12K	1600-20K	Hz
Cone Material	Carbon fiber	Silk	
Net Weight			kg
Electrical Data			
Nominal Impedance	4	4	Ohm
DC Resistance	3	3	Ohm
Voice coil and Magnet Parameters			
Voice Coil Diameter	30.5	25.4	mm
Voice Coil Height	15	3	mm
HE Magnetic Gap Height	6	3	mm
Max.Linear Excursion	5	0	mm
Voice Coil Bobbin	Kapton	Aluminium	
Voice Coil Wire	SV	CCAW	
Number Of Layers	2	2	
Magnet System Type	High Flux Ferrite	Neodymium	
BL Product	5.298		T
T-S Parameters			
Suspension Compliance	Cms	536.811u	M/N
Mechanical Q Factor	Qms	6.636	
Electrical Q Factor	Qes	0.592	
Total Q Factor	Qts	0.544	
Moving Mass	Mms	16.473	g
Eq.Cas Air Load(liters)	Vas	14.713	Ltr
Resonant Frequency	Fs	53.521	Hz
Effective Piston Area	SD	13.893m	M

