



Shielded 5" woofer/midrange with polypropylene cone and rubber surround. This speaker is made especially for use in systems which have to be placed nearby stray field sensitive equipment such as a television set or a computer monitor. A common application is for a center speaker in a surround system.

Thiele Small parameters:

		Free air	Common	Baffled
Nominal impedance	Zn (Ω)		8	
Minimum impedance/at freq.	Zmin (Ω/Hz)		6.4 / 345	
Maximum impedance	Zo (Ω)		28.2	
Dc resistance	Re (Ω)		6.1	
Voice coil inductance	Le (mH)		1.1	
Capacitor in series with 8 Ω (for impedance compensation)	Cc (μF)		7	
Resonance Frequency	fs (Hz)	68.9		66.4
Mechanical Q factor	Qms	1.90		1.97
Electrical Q factor	Qes	0.52		0.54
Total Q factor	Qts	0.41		0.43
F (Ratio fs/Qts)	F (Hz)			156
Mechanical resistance	Rms (Kg/s)		1.81	
Moving mass	Mms (g)	7.9		8.5
Suspension compliance	Cms (mm/N)		0.67	
Effective cone diameter	D (cm)		10.4	
Effective piston area	Sd (cm²)		85	
Equivalent volume	Vas (ltr)		6.7	
Force factor	Bl (N/A)		6.3	
Reference voltage sensitivity	(dB)			88.5
Re 2.83V 1m at 345 Hz (Calculated)				

Magnet and voice coil parameters:

Voice coil diameter	d (mm)	26
Voice coil length	h (mm)	10
Voice coil layers	n	2
Flux density in gap	B (T)	0.99
Total useful flux	(mWb)	0.69
Height of the gap	hg (mm)	6
Diameter of magnet	dm (mm)	72 + 72
Height of magnet	hm (mm)	15 + 15
Weight of magnet	(kg)	23 + 23

Max linear SPL:

