





FOCAL 6 W 4254

Audiophile series
6.5" "W" Cone midbass

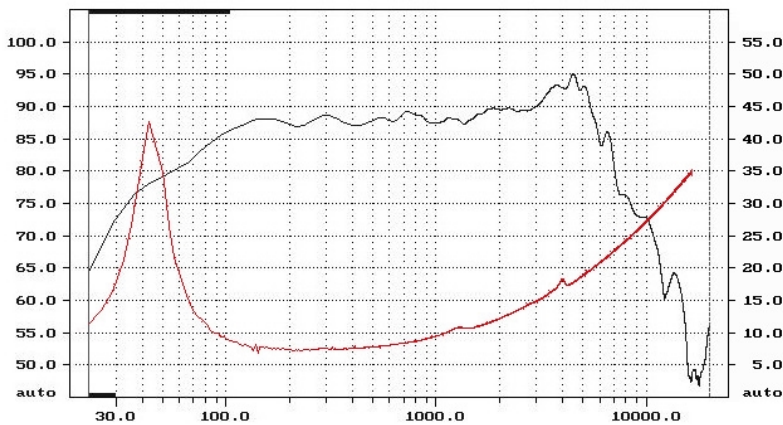


-  "W" cone with dampers
-  Bullet shaped ABS dust cap
-  Butyl surround
-  Outstanding tonal quality

SPECIFICATIONS

Nom. pwr handling	70 W
Max. pwr handling	100 W
Sensitivity	88 dB
Cone	"W"
Surround	Rubber
Nom. impedance	8 Ω
DC resistance	6.2 Ω
VC diameter	25 mm / .71 Inch
VC height	12.4 mm
Former	Black Aluminum
Layers	4
Wire	Copper
Inductance	.57 mH
Xmax	3.2 mm
Magnet d x h	100 x 18
Magnet weight	564 g
Flux density	1.1 T
Gap height	6 mm
Net weight	1.7 kg

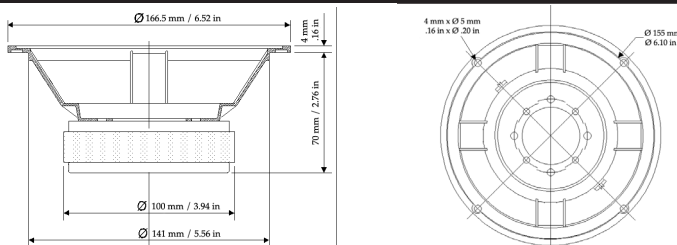
FREQUENCY RESPONSE / IMPEDANCE



PARAMETERS

Fs	42.58 Hz
Vas	26.41 l
Qts	0.483
Qes	0.570
Qms	3.180
Re	6.85 Ω
Sd	136.85 Cm ²
Cas	1.88E-07 m5/N
Mas	74.33 Kg/m4
Ras	6253.49 Ω.ac
Cms	1.00E-03 m/N
Mms	13.92 g
Rms	1.171 kg/s
Ces	311.03 mF
Les	44.92 mH
Res	38.10 Ω
BI	6.69 N/A
SPL	87.62 dB/w/m

MECHANICAL DRAWING



SIMULATION

Load	Vb Cft	F3 Hz	Vent Ø in	Vent L in
Sealed Qcb = .71	.91	58.5		
Sealed Qcb = .51	1.84	59.6		
Vented	.91	41.7	2.00	3.26
Vented	1.84	30.6	2.00	2.00