

# Cone Woofer, 8" Speaker



## Specifications

Dimensions : 205mm (8" speaker)  
 Impedance : 8Ω  
 Input : Rated 70W, Max. 100W  
 Free Air Resonance : 35 ±7Hz  
 Frequency Range : f0 ~ 3500 Hz  
 Sine wave test : 10V  
 Weight : 1380 grams  
 Life test : 70 W, 8H , EIA white noise

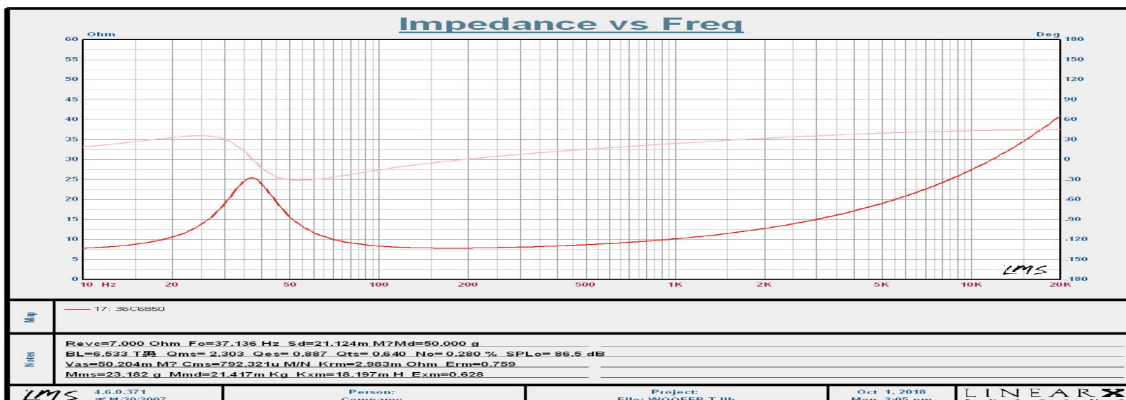
### Voice Coil

Diameter : 35.5mm  
 Winding Length : 12.2mm  
 Layer : 2 mm  
 Former material : Aluminium  
 Wire material : Copper  
 Cone : PPM  
 Surround : Rubber

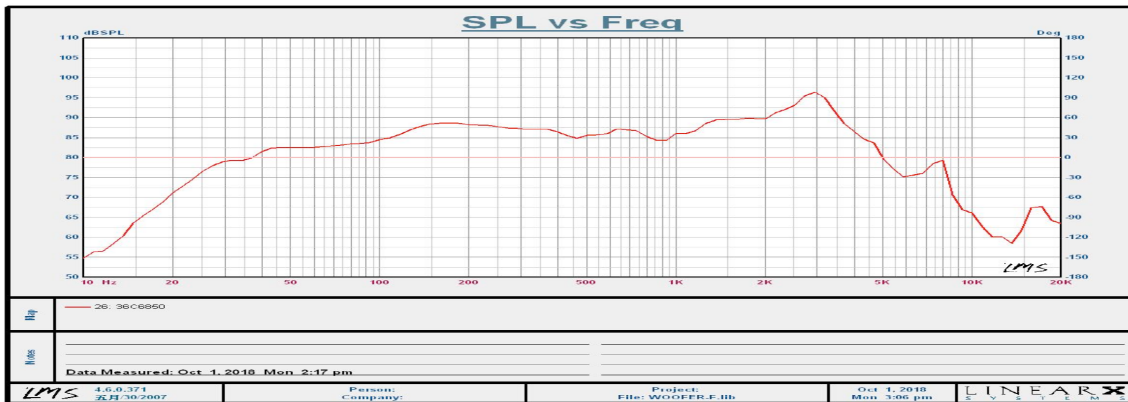
### Magnet

Diameter : 100mm  
 Height : 20mm  
 Material : ferrite  
 Quantity : 1 pc  
 Weight : 503g  
 Gap(H) : 5mm  
 Basket : Stamped steel  
 Cap : PET

Parameters		In Parallel
DC resistance	Re:	7Ω
Resonance frequency	Fs:	37.1Hz
Maximum impedance	Zm:	25.3Ω
Mechanical Q factor	Qms:	2.303
Electrical Q factor	Qes:	0.887
Total Q factor	Qts:	0.640
Linear Displacement	Xmax:	3.6mm
Moving mass	Mms:	23.18g
Equivalent volume	Vas:	50.2 (l)
Sensitivity	SPL:	86.5 ○B
Suspension compliance	Cms:	0.792mm/N
BL product	Bl:	6.533 (N/A)
Driver piston diameter	D:	164mm
Voice Coil Inductance	Le(1K):	1.1mH



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## Part Number Table

Description	Part Number
Cone Woofer, 8", Polypropylene, Low Frequency	55-1190