

Coil Woofer, 12" Speaker



Specifications

Dimensions	: 306mm (12" speaker)
Impedance	: 8+8Ω
Input	: Rated: 100W, Max. 100W 200W
Free Air Resonance	: 25 ±5Hz
Sensitivity	: 92 ± 2 °B/W/M, 2.0 V
Frequency Range	: f0 ~ 2000 Hz
Sine wave test	: 10V
Weight	: 3900g
Life test	: 100 W, 8H , EIA white noise

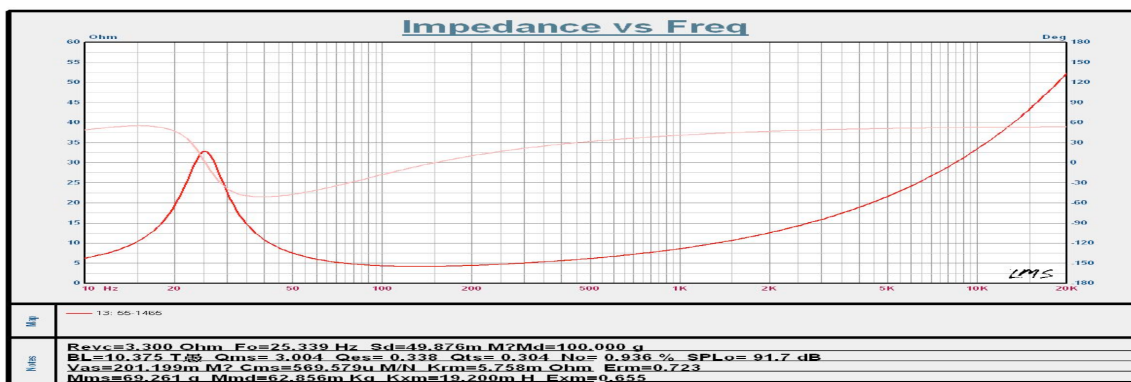
Voice Coil

Diameter	: 49.5mm
Winding Length	: 16.7mm
Layer	: 2+2mm
Former material	: Aluminium
Wire material	: Copper
Cone	: Coated non-pressed paper
Surround	: Rubber

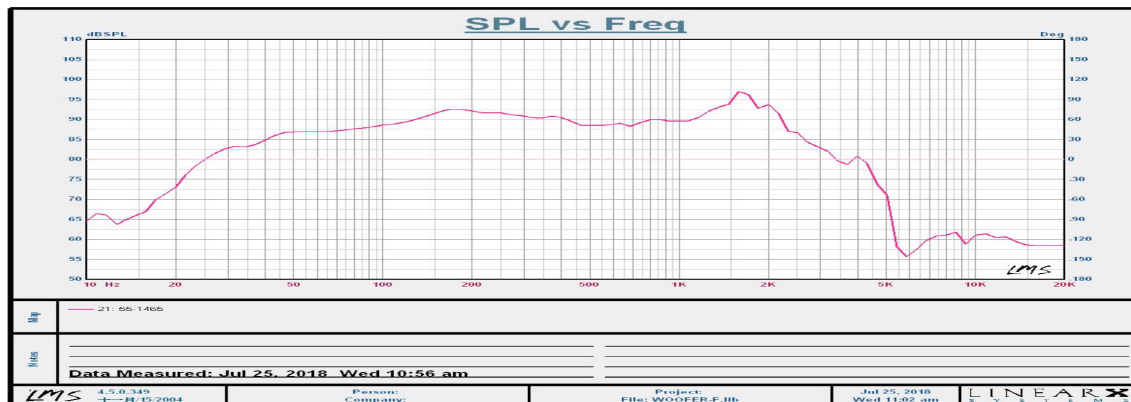
Magnet

Diameter	: 145mm
Height	: 20mm
Material	: ferrite (Y30)
Quantity	: 1 pc
Weight	: 1209g
Gap(H)	: 8mm
Basket	: Stamped steel
Cap	: Treated cloth

Parameters		In Parallel
DC resistance	Re:	3.3Ω
Resonance frequency	Fs:	25.3Hz
Maximum impedance	Zm:	32.8Ω
Mechanical Q factor	Qms:	3.004
Electrical Q factor	Qes:	0.338
Total Q factor	Qts:	0.304
Linear Displacement	Xmax:	4.35mm
Moving mass	Mms:	69.3g
Equivalent volume	Vas:	201.2 (l)
Sensitivity	SPL:	91.7 °B
Suspension compliance	Cms:	0.57mm/N
BL product	Bl:	10.38 (N/A)
Driver piston diameter	D:	252mm
Voice Coil Inductance	Le(1K):	1.18mH



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Part Number Table

Description	Part Number
Coil Woofer, 12", Dual Voice, Poly Treated Paper	55-1465