

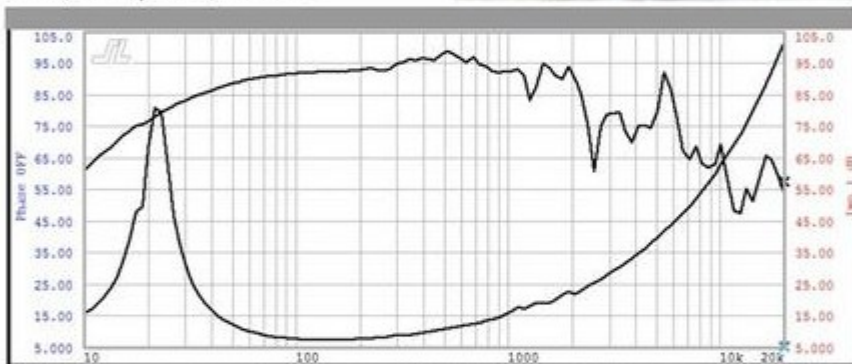
Model: 2235Ef

15-inch woofer

Description: 15-inch woofer with ferrite magnet, anti-eddy current ring, Cast aluminum basket, large 4-inch diameter copper voice coil, custom formulated paper cone, durable polyester surround, and large spring-loaded push terminals.



Frequency Response*:



2235Ef frequency response & impedance: (50mV free-air Near-Field response (Power-response curve, free-air impedance curve).

Thiele-Small Parameters 2235Ef:	
Re = 5.0 ohms	Vas = 327 L (11.5 ft ³)
Fs = 22 Hz (+/- 15%)	BL = 22.5 N/A
Qes = 0.23 (+/- 15%)	Mms = 174 g
Qms = 3.3	Cms = 313 uM/N
Qts = 0.21 (+/- 15%)	Efficiency (No) = 1.3 %
Le = 1.8 mH (at 1 kHz)	Sensitivity = 93.2 dB @1W/1m
Sd = 0.086m ² (132.7 in ²)	Sensitivity = 95.2 dB @2.83Vrms/1m
	Xmax = 7.4 mm (0.29 in.)
	Xmech = 11.1 mm (0.437 in)

Weight: 25 lbs. (11.3 kgs) Shipping weight ea.: 27 3/4 lbs. (12.6kgs)

**(Measured in free-air, Near-Field, no back box for ref. only. Note: dips or peaks in response will vary depending on size of baffle, placement of driver, and properties of enclosure. i.e., dip at 1400Hz & above are in the cone break-up piston bands and typically smooth out when speaker is mounted in an enclosure with proper internal bracing and baffle dimensions. No frequency smoothing)*

ES2235Ef51513