

LF15Y408

WOOOFER

DESCRIPTION

The LF15Y408 is a 15-inch woofer with linear frequency response characteristics and very high power handling.

The LF15Y408 uses a fibre loaded cone assembly along with a high excursion triple roll, constant geometry surround. This combination provides remarkable strength and a peak to peak maximum excursion of 52mm.



FEATURES

- 4-inch, fiberglass inside/outside copper voice coil
- 1600W continuous program power handling
- 97 dB Sensitivity
- 30 Hz - 1.5 kHz Frequency range
- Dual spider design with silicon based dampening control
- Triple-roll surround and corrugated straight cone geometry

TECHNICAL SPECIFICATIONS

General specifications

Nominal Diameter:	15 inch / 381 mm
Rated Impedance:	8 ohm
Program Power (watt):	1600 W
Power handling capacity:	800 W
Sensitivity:	97.0 dB
Effective piston diameter:	35 mm / 1.38 inch
Max. Excursion Before Damage:	1500 mm / 59.06 inch
Minimum Impedance (ohm):	6.1 ohm
Voice Coil Diameter:	4.0 inch / 102 mm
Voice Coil Winding Material:	Copper
Voice Coil Length:	23 mm / 0.91 inch
Number of layers:	2
Kind of layers:	inside/outside
Top Plate Thickness:	12 mm / 0.47 inch
Cone Design:	Straight
Surround Material:	Polycotton
Surround Design:	Triple roll

Thiele - small parameters

Resonance frequency (Fs):	36 Hz
DC resistance (Re) (ohm):	4.80 ohm
Mechanical factor:	6.20 Qms
Electrical factor:	0.27 Qes
Total factor:	0.26 Qts
Bl factor (Bl) (T x m):	24.60 T x m
Effective moving mass (Mms):	150.0 g
Equivalent Cas air loaded (Vas):	150.0 liters
Effective piston area (Sd):	0.090 m ²
Max. linear excursion (Xmax):	9 mm
Voice coil inductance @ 1kHz (Le1k):	2.50 mH
Half-space efficiency (Eff):	2.50%

Mounting informations

Overall diameter:	393 mm / 15.47 inches
Bolt circle diameter:	371-376 mm / 14.61-14.8 inch
Bolt hole diameter:	7 mm / 0.28 inch
Front mount baffle cut-out:	352 mm / 13.86 inch
Rear mount baffle cut-out:	360 mm / 14.17 inch
Volume occupied by the driver:	4.3 liters / 0.17 ft ³

Standard compliance

CE marking:	Yes
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Size

Weight:	13 kg / 28.66 lbs
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Shipping informations

Package Height:	220 mm / 8.66 inches
Package Width:	440 mm / 17.32 inches
Package Depth:	440 mm / 17.32 inches
Package Weight:	14 kg / 30.86 lbs



PART NUMBER

- **11100128**
LF15Y408
8ohm



