

LF18Y488 WOOFER

DESCRIPTION

The LF18Y488 is a 18-inch woofer with linear frequency response cheracteristics and very high power handling. The LF18Y488 uses a fibre loaded cone assembly along with a high excursion triple roll, constant geometry surround. This

combination provides remarkable strength and peak to peak maximum excursion of 50mm.



FEATURES

- 4-inch, fiberglass inside/outside copper voice coil
- 1800W continuous program power handling
- 98 dB Sensitivity
- 30 Hz 1 kHz Frequency range
- Dual spider design with silicon based dampening control
- Triple-roll surround and corrugated straight cone geometry



TECHNICAL SPECIFICATIONS

Atted Impedance:8 ohmProgram Power (vart):1800 WPower handling capacity:900 WSensitivity:900 H2Effective piston diameter:39 5m0 /15.55 inchMax Excursion Before Damage:50 mm /15.75 inchMax Excursion Before Damage:60 mm /15.75 inchMax Excursion Before Damage:50 mm /15.75 inchMax Excursion Before Damage:60 mm /15.75 inchVoice Coil Ubaneter:20 mm /0.91 inchNumber of layers:2Kind of layers:inside/outsideTop Plate Thickness:10 mmCone Design:Triple rolSurround Material:9 PolycottonSurround Material:0.30 GesTotal Factor:0.30 GesTotal Factor:0.30 GesTotal Factor:0.30 GesTotal Factor:0.30 GesSurround Cos in Joade (Vois):24.60 T x mEqure (Cas in Joade (Vois):24.60 T x mEffective piston area (SO):0.120 m2Max. Inaea excursion (Xmax): <td< th=""><th>General specifications</th><th>Nominal Diameter:</th><th>18 inch / 457 mm</th></td<>	General specifications	Nominal Diameter:	18 inch / 457 mm
Program Power (wett):980 WPower handling capacity:900 WSensitivity:98.0 dBPrequency range:30 - 1000 HzEffective piston diameter:35 mm / 15.55 inchMax: Excursion Before Damage:50 mm / 15.75 inchMax: Excursion Before Damage:50 mm / 197 inchMinimum Impedance (ohm):50 ohmVoice Coil Unding Material:CoopperVoice Coil Unding Material:CoopperVoice Coil Engrit:23 mm / 0.91 inchNumber of layers:2Kind of layers:inside/outsideTop Plate Thickness:12 mm / 0.47 inchCone Design:StraightSurround Material:PolycottonSurround Design:Thele offThiele - small parametersDC resistance (Re) (ohm):4.80 ohmMechanical factor:7.60 QmsFlectrical factor:7.60 QmsFlectrical factor:7.61 factor (BD (T x m):24 60 T x mEffective moving mass (Mms):182.0 gEffective piston area (SG):0.10 m2Max. Inser excursion (Xinax):9 mmVoice coil induded (Vas):2460 T x mEffective factor eig Hatz (Lelk):240 mHHalf-space efficiency (Eff):3.09%Mounting informationsOverall diameter:424 card mm / 174-176 inch80 ti circle diameter:424 card mm / 174-176 inch80 ti circle diameter:424 dam / 1669 inchPare mount baffie cut-out:424 mm / 1669 inchPare mount baffie cut-out:424 mm / 1669 in			
Power handling capacity:900 WSensitivity:960 dBFrequency range:30 - 1000 HzEffective piston diameter:395 mm / 15.55 inchMax, Excursion Before Damage:50 mm / 197 inchMax, Excursion Before Damage:50 mm / 197 inchMinimum Impedance (ohm):5.9 ohmVoice Coll Diameter:40 Inch / 102 mmVoice Coll Diameter:23 mm / 0.91 inchNumber of layers:2Kind of layers:1 mm / 0.47 inchCone Design:53 mm / 0.91 inchSurround Material:PolycottonSurround Material:PolycottonSurround Material:20 ohmSurround Material:0.20 obsSurround Material:0.20 obsSurround Material:0.20 obsSurround Material:0.20 obsSurround Material:0.20 obsElectrical factor:0.20 obsTotal factor:0.20 obsElectrical factor:0.20 obsTotal factor:0.20 obsElectrical factor:0.20 obsElectrical factor:0.20 obsElectrical factor:0.20 obsElectrical factor:0.20 m2Max, Ineer excursion (Xmax):9 mmVoice coll Inductance (El/hz):2.40 mHHalf-space efficency (Eff):3.09%Mounting informationsOverall diameter:Voice coll Inductance (El/hz):4.42 447 mm / 17.417.6 inchBolt circle diameter:7 mm / 0.28 inchFort mount baffie cut-out:4.24 mm / 16.69 inchVolume			
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Max. linear excursion (Xmax):9 mmVoice coil inductance @ 1kHz (Le1k):2.40 mHHalf-space efficency (Eff):3.09%Mounting informationsOverall diameter:Bolt circle diameter:465 mm / 18.31 inchesBolt hole diameter:442-447 mm / 17.4-17.6 inchBolt hole diameter:7 mm / 0.28 inchFront mount baffle cut-out:424 mm / 16.69 inchRear mount baffle cut-out:424 mm / 16.69 inchVolume occupied by the driver:7 liters / 0.28 ft3Standard complianceCE marking:SizeWeight:13 kg / 28.66 lbsShipping informationsPackage Height: Package Depth:260 mm / 10.24 inches 500 mm / 19.69 inches 520 mm / 20.47 inches			0.120 m2
Voice coil inductance @ 1kHz (Le1k):2.40 mHHalf-space efficency (Eff):3.09%Mounting informationsOverall diameter:465 mm / 18.31 inchesBolt circle diameter:442-447 mm / 17.4-17.6 inchBolt hole diameter:7 mm / 0.28 inchFront mount baffle cut-out:424 mm / 16.69 inchRear mount baffle cut-out:424 mm / 16.69 inchVolume occupied by the driver:7 liters / 0.28 ft3Standard complianceCE marking:YesSizeWeight:13 kg / 28.66 lbsShipping informationsPackage Height: Package Depth:260 mm / 10.24 inches 520 mm / 20.47 inches			
Half-space efficency (Eff):3.09%Mounting informationsOverall diameter:465 mm / 18.31 inchesBolt circle diameter:442-447 mm / 17.4-17.6 inchBolt hole diameter:7 mm / 0.28 inchFront mount baffle cut-out:424 mm / 16.69 inchRear mount baffle cut-out:424 mm / 16.69 inchVolume occupied by the driver:7 liters / 0.28 ft3Standard complianceCE marking:YesSizeWeight:13 kg / 28.66 lbsShipping informationsPackage Height: Package Uidth: Package Depth:260 mm / 10.24 inches 500 mm / 19.69 inches 520 mm / 20.47 inches			2.40 mH
Bolt circle diameter:442-447 mm / 17.4-17.6 inchBolt hole diameter:7 mm / 0.28 inchBolt hole diameter:7 mm / 0.28 inchFront mount baffle cut-out:424 mm / 16.69 inchRear mount baffle cut-out:424 mm / 16.69 inchVolume occupied by the driver:7 liters / 0.28 ft3Standard complianceCE marking:YesSizeWeight:13 kg / 28.66 lbsShipping informationsPackage Height: Package Depth:260 mm / 10.24 inches 500 mm / 19.69 inches 520 mm / 20.47 inches			
Bolt circle diameter:442-447 mm / 17.4-17.6 inchBolt hole diameter:7 mm / 0.28 inchBolt hole diameter:7 mm / 0.28 inchFront mount baffle cut-out:424 mm / 16.69 inchRear mount baffle cut-out:424 mm / 16.69 inchVolume occupied by the driver:7 liters / 0.28 ft3Standard complianceCE marking:YesSizeWeight:13 kg / 28.66 lbsShipping informationsPackage Height: Package Depth:260 mm / 10.24 inches 500 mm / 19.69 inches 520 mm / 20.47 inches	Mounting informations	Overall diameter	465 mm / 18 31 inches
Bolt hole diameter:7 mm / 0.28 inchFront mount baffle cut-out:424 mm / 16.69 inchRear mount baffle cut-out:424 mm / 16.69 inchVolume occupied by the driver:7 liters / 0.28 ft3Standard complianceCE marking:YesSizeWeight:13 kg / 28.66 lbsShipping informationsPackage Height:260 mm / 10.24 inchesPackage Width:500 mm / 19.69 inchesPackage Depth:520 mm / 20.47 inches			
Front mount baffle cut-out: Rear mount baffle cut-out: Volume occupied by the driver:424 mm / 16.69 inch 424 mm / 16.69 inch 7 liters / 0.28 ft3Standard complianceCE marking:YesSizeWeight:13 kg / 28.66 lbsShipping informationsPackage Height: Package Width: Package Depth:260 mm / 10.24 inches 500 mm / 19.69 inches 520 mm / 20.47 inches			
Rear mount baffle cut-out: Volume occupied by the driver:424 mm / 16.69 inch 7 liters / 0.28 ft3Standard complianceCE marking:YesSizeWeight:13 kg / 28.66 lbsShipping informationsPackage Height: Package Width: Package Depth:260 mm / 10.24 inches 500 mm / 19.69 inches 520 mm / 20.47 inches			
Volume occupied by the driver:7 liters / 0.28 ft3Standard complianceCE marking:YesSizeWeight:13 kg / 28.66 lbsShipping informationsPackage Height: Package Width: Package Depth:260 mm / 10.24 inches 500 mm / 19.69 inches 520 mm / 20.47 inches			
Size Weight: 13 kg / 28.66 lbs Shipping informations Package Height: 260 mm / 10.24 inches Package Width: 500 mm / 19.69 inches Package Depth: 520 mm / 20.47 inches			
Shipping informations Package Height: 260 mm / 10.24 inches Package Width: 500 mm / 19.69 inches Package Depth: 520 mm / 20.47 inches	Standard compliance	CE marking:	Yes
Package Width:500 mm / 19.69 inchesPackage Depth:520 mm / 20.47 inches	Size	Weight:	13 kg / 28.66 lbs
Package Depth: 520 mm / 20.47 inches	Shipping informations	Package Height:	260 mm / 10.24 inches
		Package Width:	500 mm / 19.69 inches
		Package Depth:	520 mm / 20.47 inches
		Package Weight:	15 kg / 33.07 lbs

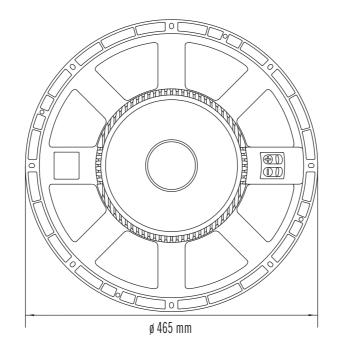


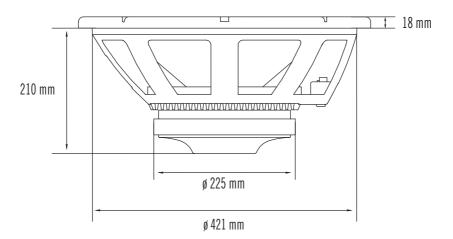
PART NUMBER

11100127
LF18Y488
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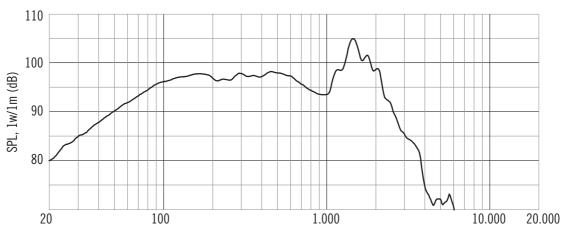
RCF products are continually improved. All specifications are therefore subject to change without notice.



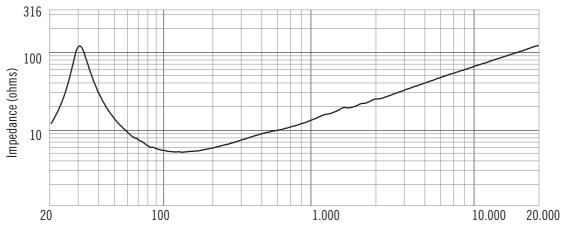








Frequency (Hz)



Frequency (Hz)