



10NDL64

LF Drivers - 10 Inches

500 W continuous program power capacity
 64 mm (2.5 in) aluminium voice coil
 50 – 3000 Hz response
 97 dB sensitivity

Neodymium magnet allows a very light yet powerful motor assembly
 Ventilated voice coil gap for reduced power compression

Specification

Nominal Diameter	250 mm (10 in)
Nominal Impedance	8 ohm
Minimum Impedance	7 ohm
Nominal Power Handling (AES)	250 W
Continuous Power Handling	500 W
Sensitivity (1W/1m)	97 dB
Frequency Range	50 - 3000 Hz
Voice Coil Diameter	64 mm (2.5 in)
Winding Material	Aluminium
Former Material	Glass Fibre
Magnet Material	Neodymium Inside Slug
Winding Depth	14 mm (0.55 in)
Magnetic Gap Depth	8 mm (0.31 in)
Flux Density	1.25 T

Parameters

Fs	56 Hz
Re	5.7 ohm
Qes	0.29
Qms	3.4
Qts	0.26
Vas	31 dm ³ (1.1 ft ³)
Sd	320 cm ² (50 in ²)
EtaZero	1.8 %
Xmax	+/- 6 mm
Xvar	+/- 7 mm
Mms	37 g
Bl	16.2 Txm
Le	0.9 mH

Mounting & Shipping

Overall Diameter	261 mm (10.3 in)
Bolt Circle Diameter	245 mm (9.6 in)
Baffle Cutout Diameter	230 mm (8.8 in)
Depth	113 mm (4.4 in)

Mounting & Shipping

Flange and Gasket Thickness	13 mm (0.5 in)
Net Weight	2.9 kg (6.4 lb)
Shipping Weight	3.5 kg (7.7 lb)
Shipping Box	330x330x160 mm (13x13x6.3 in)

Design

Surround Shape	Double Roll
Cone Shape	Exponential
Magnet Type	Neodymium Inside Slug
Spider	Single
Pole Design	Straight Pole
Woofer Cone Treatment	TWP Waterproof – Both Sides

Service kit	RCK10NDL648
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