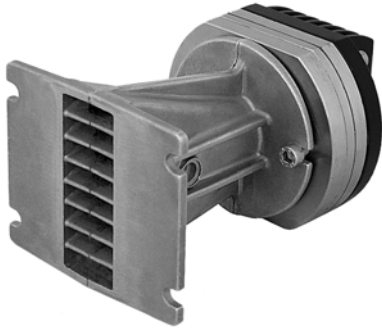


Oberton [WS2544](#)



KEY FEATURES:

- Nominal exit 70 x 25,4 mm (2,75 x 1 in)
- 44 mm (1.75 in.) voice coil diameter
- 80 W Program Power Capacity (2-20 kHz)
 - 107.5 dB Sensitivity (2-15 kHz)
 - Frequency range 1 - 20 kHz
- Neodymium magnetic structure

The WS2544 is high frequency line array wave source with exit 2,75" x 1". It is based on cuted (71 mm high) version of neodymium compression driver ND2545. This design allow distance between the drivers axis 74 mm. It has excellent Sound Pressure over 10 kHz, which is very important for Line Array application.

SPECIFICATION

Nominal exit	70 x 25,4 mm (2,75 x 1 in)
Nominal impedance	8/16 Ohms
Minimum impedance	6,35/12,62 Ohms
D.C. resistance	5,15/10,8 Ohms
Power capacity (2-20 kHz)	40W
Program Power Capacity (2-20 kHz)	80W
Sensitivity (2-15 kHz)	107.5 dB
Frequency range	1 - 20 kHz
Recommended crossover	1,5 kHz or higher 12 dB/oct.min
Voice coil diameter	44 mm (1,75 in.)
Flux density	1,9 T

MATERIALS OF CONSTRUCTION

Diaphragm	sandwich polyester
Voice coil material	Aluminium
Voice coil former	Kapton™

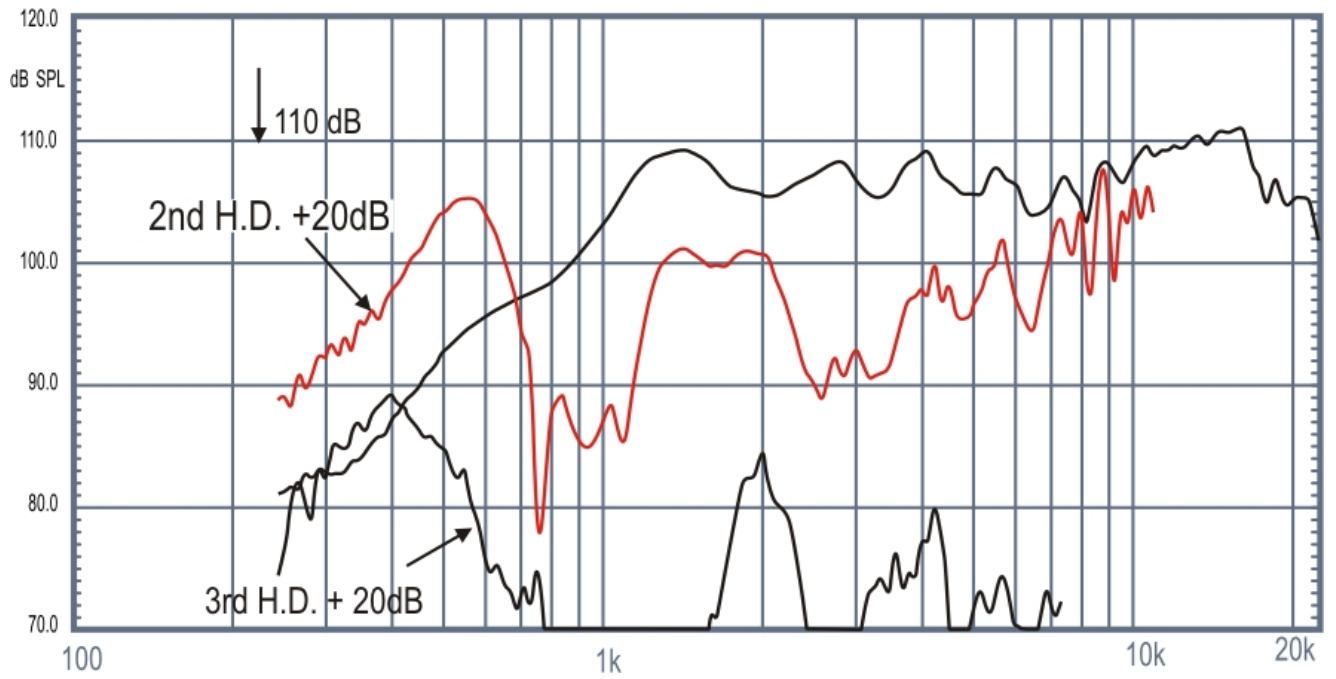
MOUNTING INFORMATION

Overall diameter	87 x 74 mm
Depth	130 mm
Mounting	4 x M5 on 80 x 50 mm
Net weight	1,05 kg

Positive voltage on red terminal moves diaphragm toward the phasing plug

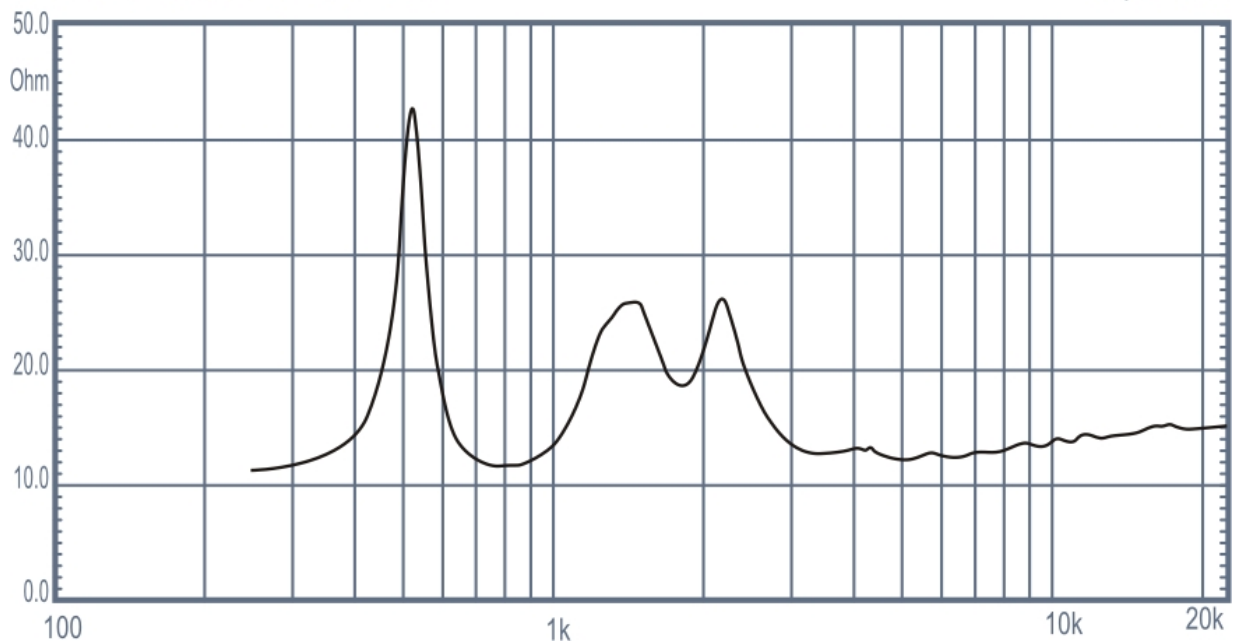
Frequency Responce

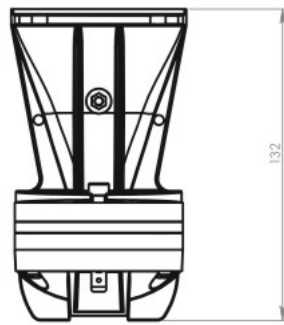
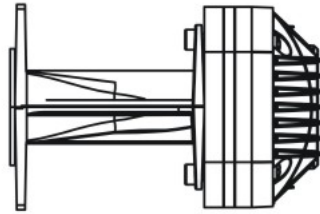
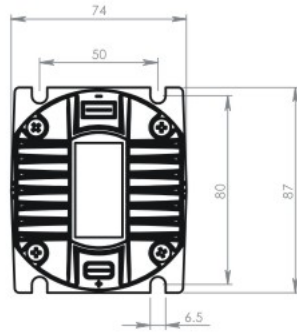
OBERTON WS2544/16 Ohms Horn 100x10 deg



OBERTON WS2544/16 Ohms

Impedance





OBERTON

model: WS2544

Dimensions are in mm

Scale: 1:2