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## ND2546

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1" High Frequency Compression Driver, 1.75" voice coil, 40 W, 106 dB



### KEY FEATURES:

- 1" Throat diameter
- 44 mm (1.75 in.) voice coil
- 80 W Program Power Capacity (2-20 kHz)

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- **106 dB Sensitivity (2-15 kHz)**
- **Frequency range 1 - 20 kHz**
- **Neodymium magnetic structure**

## PART NUMBER

ND2546 - 8  $\Omega$  - 14110N0408

ND2546 - 16  $\Omega$  - 14110N0416

The ND2546 is light weight high frequency compression neodymium driver based on ND2545. It features an integral dome and suspension made of special polyester, providing high output with low distortion and frequency response with good linearity. The reduced weight and price make it preferable for compact 2 way and line array boxes. The voice coil assembly is easily field replaceable without soldering.

## SPECIFICATIONS

Throat diameter	25,4 mm (1 in.)
Nominal impedance	8/16 Ohms
Minimum impedance	6,50/13.36 Ohms
D.C. resistance	5,15/10 ,8 Ohms
Power capacity (2-20 kHz)	40W
Program Power Capacity (2-20 kHz)	80 W
Sensitivity (2-15 kHz)	106 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	1.75 T

## MATERIALS OF CONSTRUCTON

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

*Positive voltage on red terminal moves diaphragm toward the phasing plug*

## MOUNTING INFORMATION

Overall diameter	86 mm
Depth	56 mm
Mounting	3 x M5 holes 120° on 57.1 mm (2.25") dia
Net weight	0,65 kg

## SERVICE KIT

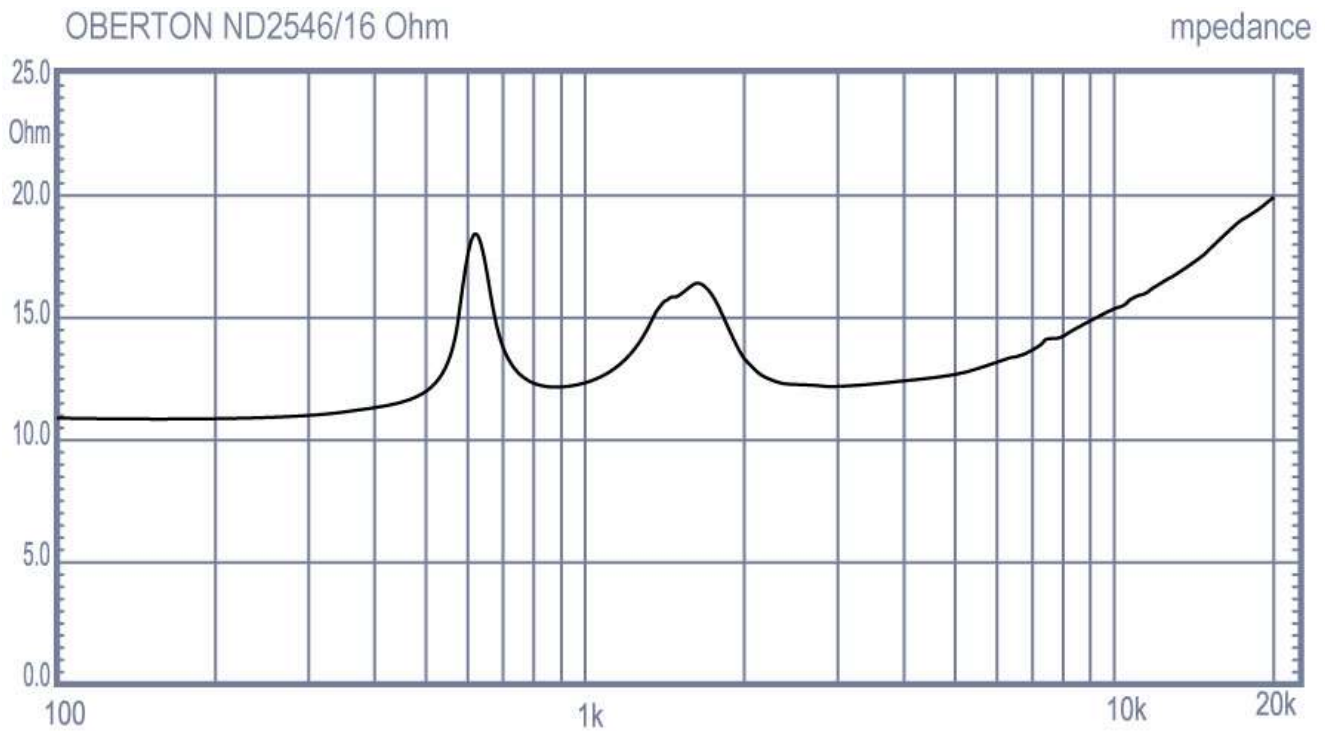
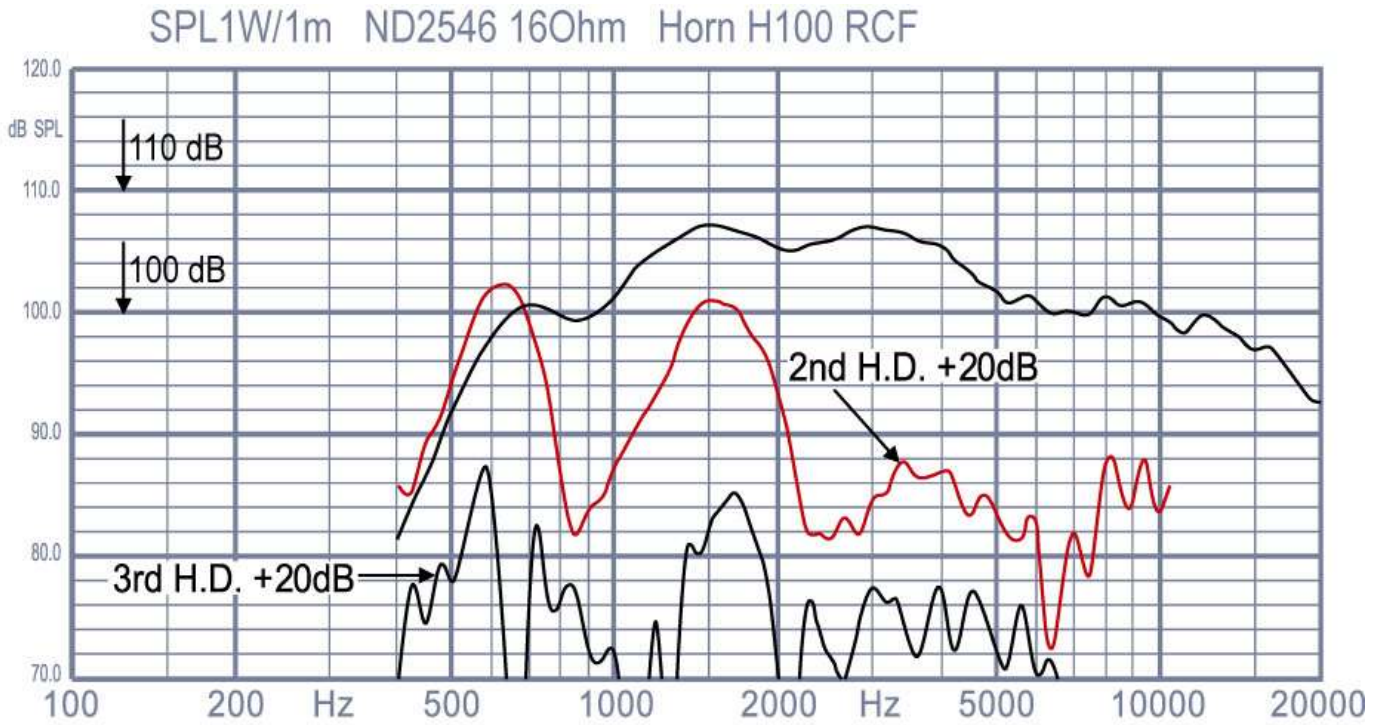
Diaphragm assembly:

**NDA45-8** part No: R411700308 for 8  $\Omega$  drivers

**NDA45-16** part No: R411700316 for 16  $\Omega$  drivers

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# Frequency Response



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