



# WG400

## Line Array Sources - 1.0 Inches

Line Array optimized Waveguide with DE400 driver  
140° max horizontal coverage  
100 W continuous program power capacity  
44 mm (1.7 in) aluminium voice coil  
Polyimide diaphragm  
1200 - 18000 Hz response  
108.5 dB sensitivity  
Compact Neodymium magnet assembly

### Specifications

Horizontal coverage	140 ° Max
Active radiating factor	92.5 %
Recommended crossover <sup>1</sup>	1.5 kHz
Waveguide material	Cast Aluminium
Nominal impedance	8 Ω
Minimum impedance	7.7 Ω
Nominal power handling <sup>2</sup>	50 W
Continuous power handling <sup>3</sup>	100 W
Sensitivity (1W/1m) <sup>4</sup>	108.5 dB
Frequency range <sup>5</sup>	1 - 18 kHz
Voice coil diameter	44 mm (1.7 in)
Winding material	Aluminium
Diaphragm material	Polyimide
Flux density	1.8 T
Magnet material	Neodymium Ring

### Mounting And Shipping Info

Driver diameter	86 mm (3.3 in)
Dimensions	111x87x155 mm (4.4x3.5x6.1 in)
Net weight	1.3 kg (2.9 lb)
Shipping units	1
Shipping weight	1.35 kg (3.0 lb)
Shipping box	120x95x180 mm (4.7x3.7x7.1 in)

### Mounting And Shipping Info

Waveguide baffle cutout	102x25 mm (4x1 in)
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1. 12 dB/oct. Or higher slope high-pass filter.  
2. 2 hour test made with continuous pink noise signal (6 dB crest factor). Power calculated on rated minimum impedance.  
3. Power on Continuous Program is defined as 3 dB greater than the Nominal rating.  
4. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.  
5. Waveguide mounted on 90°x10° bell horn

