

HF100

1" - 30 W - 108 dB - 8 Ohm



NOMINAL SPECIFICATIONS

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|-------------------------------------|---|
| Throat Diameter | 25.4 mm (1 in) |
| Overall Diameter | 108 mm (4.02 in) |
| 180° Mounting Holes Diameter (2xM6) | 76 mm (2.99 in) |
| Depth | 55 mm (2.17 in) |
| Net Weight | 830 g (1.8 lb) |
| Shipping Box (Single carton box) | 147 x 130 x 82 mm (5.8 x 5.1 x 3.2 in) |
| Shipping Weight | 862 g (1.90 lb) |

PART NUMBER

| | |
|----------------------------------|----------|
| Faston Terminals - 8 Ohm Version | 00254029 |
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NOTES:

- Driver mounted on a **1" 50° x 40° Horn**
- (1) 2 Hours Test According to AES 2-1984 Rev. 2003
- (2) Maximum power is defined as 3dB greater than nominal power.
- (3) 12 dB/oct or higher slope high-pass filter
- (4) Averaged within the frequency range
- (5) The phase plug is recessed from the driver's exit which is at the end of a conical adaptation horn.

TECHNICAL PARAMETERS

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|------------------------------------|------------------------|
| Nominal Impedance | 8 Ohm |
| Minimum Impedance | 7 Ohm |
| AES Power Handling (1) | 30 W |
| Maximum Power Handling (2) | 60 W |
| Minimum Crossover Frequency (3) | 2 kHz |
| Sensitivity (1W/1m) (4) | 108 dB |
| Frequency Range | 1.5-20 kHz |
| Voice Coil Diameter | 25 mm (0.98 in) |
| Winding Material | Al |
| Former Material | Kapton |
| Diaphragm Material | Ketone Polymer |
| Diaphragm Shape | Dome |
| Winding Depth | 1.7 mm (0.07 in) |
| Magnetic Gap Depth | 2 mm (0.08 in) |
| Flux Density | 1.7 T |
| Magnet | Ferrite Ring |
| Re | 6 Ohm |
| Phase Plug Design | Radial |
| Exit Angle (5) | 9° Conical |
| NET Air Volume filled by HF Driver | 0.25 dm^3 (0.009 ft^3) |

