

HF100

1" - 30 W - 108 dB - 8 Ohm



NOMINAL SPECIFICATIONS

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

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)

