

# HF109

1" - 60 W - 108 dB - 8 Ohm

## NOMINAL SPECIFICATIONS

Throat Diameter	25,4 mm (1 in)
Overall Diameter	121 mm (4.76 in)
180° Mounting Holes Diameter (2xM6)	76 mm (2.99 in)
Depth	55 mm (2.17 in)
<b>Net Weight</b>	<b>2.2 kg (4.9 lb)</b>
Shipping Box (Single carton box)	185 x 170 x 102 mm (7.3 x 6.7 x 4.0 in)
Shipping Weight	2.5 kg (5.5 lb)

## PART NUMBER

Faston Terminals - 8 Ohm Version	00444175
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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	6.8 Ohm
AES Power Handling (1)	60 W
<b>Maximum Power Handling (2)</b>	<b>120 W</b>
Minimum Crossover Frequency (3)	1.3 kHz
<b>Sensitivity (1W/1m) (4)</b>	<b>108 dB</b>
Frequency Range	1÷20 kHz
<b>Voice Coil Diameter</b>	<b>44 mm (1.73 in)</b>
<b>Winding Material</b>	<b>Al</b>
Former Material	Kapton
<b>Diaphragm Material</b>	<b>Ketone Polymer</b>
Diaphragm Shape	Dome
Winding Depth	2.3 mm (0.09 in)
Magnetic Gap Depth	2.85 mm (0.11 in)
Flux Density	1.8 T
Magnet	Ferrite Ring
Re	5.8 Ohm
Phase Plug Design	Annular
Exit Angle (5)	13° Conical
NET Air Volume filled by HF Driver	0.43 dm³ (0.015 ft³)

