

# HF109

1" - 60 W - 108 dB - 16 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 - 16 Ohm Version	00444203
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### NOTES:

- (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	16 Ohm
Minimum Impedance	13.2 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	2.9 mm (0.11 in)
Magnetic Gap Depth	2.85 mm (0.11 in)
Flux Density	1.8 T
Magnet	Ferrite Ring
Re	10.5 Ohm
Phase Plug Design	Annular
Exit Angle (5)	13° Conical
NET Air Volume filled by HF Driver	0.43 dm <sup>3</sup> (0.015 ft <sup>3</sup> )

