

# HF107

1" - 70 W - 109 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	75.4 mm (2.97 in)
<b>Net Weight</b>	<b>2.5 kg (5.5 lb)</b>
Shipping Box (Single carton box)	185 x 170 x 122 mm (7.3 x 6.7 x 4.8 in)
Shipping Weight	2.7 kg (5.8 lb)

## PART NUMBER

Faston Terminals - 16 Ohm Version	00444154
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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 driver's exit coincides with the end of the phase plug, there is no adaptation throat.

## TECHNICAL PARAMETERS

Nominal Impedance	16 Ohm
Minimum Impedance	13.6 Ohm
AES Power Handling (1)	70 W
<b>Maximum Power Handling (2)</b>	<b>140 W</b>
Minimum Crossover Frequency (3)	1.3 kHz
<b>Sensitivity (1W/1m) (4)</b>	<b>109 dB</b>
Frequency Range	1.3-20 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	Annular
Winding Depth	2.9 mm (0.11 in)
Magnetic Gap Depth	2.6 mm (0.10 in)
Flux Density	1.9 T
Magnet	Ferrite Ring
Re	10.3 Ohm
Phase Plug Design	Annular
Exit Angle (5)	Combined Exit
NET Air Volume filled by HF Driver	0.5 dm <sup>3</sup> (0.018 ft <sup>3</sup> )

