



# HF106

1" - 60 W - 110 dB

## NOMINAL SPECIFICATIONS

Throat Diameter	25.4 mm (1 in)
Overall Diameter	95.7 mm (3.77 in)
180° Mounting Holes Diameter (2xM6)	76 mm (2.99 in)
Depth	58.8 mm (2.31 in)
<b>Net Weight</b>	<b>1.1 kg (2.3 lb)</b>
Shipping Box	147 x 130 x 82 mm
(Single Carton Box)	(5.8 x 5.1 x 3.2 in)
Shipping Weight	1.4 kg (3.1 lb)

## TECHNICAL PARAMETERS

Nominal Impedance	16 Ω
Minimum Impedance	13.7 Ω
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>110 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	2.1 T
<b>Magnet</b>	<b>Neodymium Ring</b>
Re	10.3 Ω
Phase Plug Design	Annular
NET Air Volume filled by HF Driver	0.25 dm <sup>3</sup> (0.009 ft <sup>3</sup> )

**NOTE:** 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 3 dB greater than nominal power.

(3) 12 dB/oct or higher slope high-pass filter.

(4) Averaged within the frequency range.

