



HF109

1" - 40 W - 108 dB

NOMINAL SPECIFICATIONS

Throat Diameter	25.4 mm (1 in)
Overall Diameter	121 mm (4.76 in)
180° Mounting Holes Diameter (2xM6)	77.5 mm (3.05 in)
Depth	55 mm (2.17 in)
Net Weight	670 g (1.47 lb)
Shipping Box (Single Carton Box)	98 x 90 x 64 mm (3.86 x 3.54 x 2.52 in)
Shipping Weight	700 g (1.54 lb)

TECHNICAL PARAMETERS

Nominal Impedance	8 Ω
Minimum Impedance	6.9 Ω
AES Power Handling (1)	40 W
Maximum Power Handling (2)	80 W
Minimum Crossover Frequency (3)	1.7 kHz
Sensitivity (1W/1m) (4)	108 dB
Frequency Range	1.5÷20 kHz
Voice Coil Diameter	37 mm (1.46 in)
Winding Material	Al
Former Material	Kapton
Diaphragm Material	Ketone Polymer
Diaphragm Shape	Annular
Winding Depth	2.1 mm (0.08 in)
Magnetic Gap Depth	2.6 mm (0.10 in)
Flux Density	1.85 T
Magnet	Neodymium Ring
Re	5.5 Ω
Phase Plug Design	Radial
NET Air Volume filled by HF Driver	0.16 dm ³ (0.006 ft ³)

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.

