



HF105

1" - 40 W - 107 dB

NOMINAL SPECIFICATIONS

Throat Diameter	25.4 mm (1 in)
Overall Diameter	91 mm (3.58 in)
180° Mounting Holes Diameter (2xM6)	76 mm (2.99 in)
Depth	61 mm (2.40 in)
Net Weight	1.1 kg (2.4 lb)
Shipping Box	147 x 130 x 82 mm
(Single Carton Box)	(5.8 x 5.1 x 3.2 in)
Shipping Weight	1.2 kg (2.6 lb)

TECHNICAL PARAMETERS

Nominal Impedance	16 Ω
Minimum Impedance	13.5 Ω
AES Power Handling (1)	40 W
Maximum Power Handling (2)	80 W
Minimum Crossover Frequency (3)	1.7 kHz
Sensitivity (1W/1m) (4)	107 dB
Frequency Range	1.4÷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	2.4 mm (0.09 in)
Magnetic Gap Depth	2.6 mm (0.10 in)
Flux Density	1.5 T
Magnet	Ferrite Ring
Re	11 Ω
Phase Plug Design	Radial
NET Air Volume filled by HF Driver	0.26 dm ³ (0.009 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.

