



HF146

1.4" - 80 W - 109 dB



NOMINAL SPECIFICATIONS

Throat Diameter	35.6 mm (1.4 in)
Overall Diameter	123 mm (4.84 in)
90° Mounting Holes Diameter (4xM6)	102 mm (4.02 in)
Depth	63.5 mm (2.50 in)
Net Weight	2 kg (4.4 lb)
Shipping Box	185 x 170 x 122 mm
(Single Carton Box)	(7.3 x 6.7 x 4.8 in)
Shipping Weight	2.3 kg (5.1 lb)

TECHNICAL PARAMETERS

Nominal Impedance	16 Ω
Minimum Impedance	14.4 Ω
AES Power above 0.9 kHz (1)	80 W
AES Power above 0.65 kHz (1)	40 W
Maximum Power above 0.9 kHz (2)	160 W
Maximum Power above 0.65 kHz (2)	80 W
Minimum Crossover Frequency (3)	0.9 kHz
Sensitivity (1W/1m) (4)	109 dB
Frequency Range	0.7 ÷ 18 kHz
Voice Coil Diameter	65 mm (2.56 in)
Winding Material	Al
Former Material	Kapton
Diaphragm Material	Ketone Polymer
Diaphragm Shape	Dome
Winding Depth	3.75 mm (0.15 in)
Magnetic Gap Depth	4.2 mm (0.17 in)
Flux Density	1.7 T
Magnet	Neodymium Slug Crown
Re	11 Ω
Phase Plug Design	Annular
NET Air Volume filled by HF Driver	0.55 dm ³ (0.019 ft ³)

NOTE: Driver Mounted on FaitalPRO LTH142 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.

