

HF146

1.4" - 80 W - 109 dB - 8 Ohm



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 (2.5 in) |
| Net Weight | 2 kg (4.4 lb) |
| Shipping Box (Single carton box) | 185 x 170 x 122 mm (7.3 x 6.7 x 4.8 in) |
| Shipping Weight | 2.3 kg (5.1 lb) |

PART NUMBER

| | |
|--------------------------------|----------|
| Push Terminals - 8 Ohm Version | 00654142 |
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NOTES:

Driver mounted on **FaitalPRO LTH142 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 phase plug is recessed from the driver's exit which is at the end of a conical adaptation horn.

TECHNICAL PARAMETERS

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| Nominal Impedance | 8 Ohm |
| Minimum Impedance | 6.8 Ohm |
| AES Power above 0.9 kHz (1) | 80 W |
| AES Power above 0.65 kHz | 40 W |
| Maximum Power above 0.9 kHz (2) | 160 W |
| Maximum Power above 0.65 kHz | 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 mm (0.12 in) |
| Magnetic Gap Depth | 4.2 mm (0.17 in) |
| Flux Density | 1.7 T |
| Magnet | Neodymium Slug Crown |
| Re | 5.5 Ohm |
| Phase Plug Design | Annular |
| Exit Angle (5) | 29° Conical |
| NET Air Volume filled by HF Driver | 0.55 dm ³ (0.019 ft ³) |

