EMINENCE®

The Art and Science of Sound



# APT:50 HF Drivers

## Specification

| | |
|---|---|
| Throat Size | 1”, 25.4mm |
| Nominal Impedance | 8 ohms |
| Power Rating** | 35W (AES) |
| Free Air Resonance | 2.1kHz |
| Usable Frequency Range | 3.5kHz-20kHz |
| Recommended Crossover | 12dB /oct @ 3.5kHz |
| Sensitivity*** | 104.7dB (1W/1m across 3.5kHz-20kHz on axis on H290S horn) |
| Magnet Weight | 7.75oz, 0.22kg |
| Voice Coil Diameter | 1.0” / 25.4mm |
| Re | 6.3 ohms |
| Minimum Impedance | 7.4 ohms @ 6.1kHz |

## Mounting Information

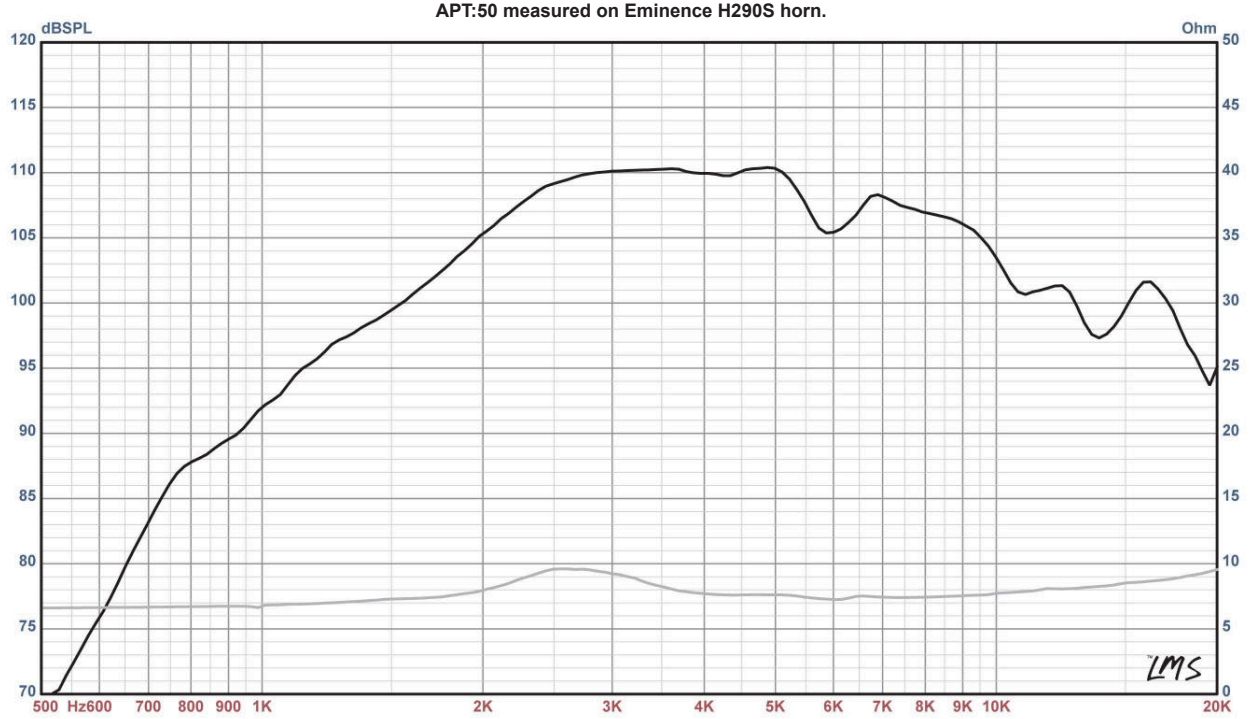
**Available in screw-on format only**

| | |
|---|---|
| Overall Diameter | 2.75”, 69.9mm |
| Mounting Thread | 1 3/8” 18UNEF ext. |
| Depth | 2.53”, 64.3mm |
| Weight | 1.65 lbs, 0.75 kg |
| Volume | 7.54 cu.in. |

## Materials of Construction

| | |
|---|---|
| Voice Coil Former | Kapton |
| Diaphragm Material | Phenolic |
| Magnet Composition | Ferrite |

**APT:50 measured on Eminence H290S horn.**




** Multiple units exceeded published power rating evaluated under AES specification while mounted on Eminence’s H290 or H290S horn in a non-temperature controlled environment.

*** The average on axis output across the entire usable frequency range when mounted to the H290 or H290S horn and applying 1W/1m into the nominal impedance, i.e. 2.83V/8Ω, 4V/16Ω. Eminence response curves are measured under the following conditions: All speakers are tested at 1W/1m using a variety of test set-ups for the appropriate impedance | LMS using 0.25” supplied microphone (software calibrated) mounted 1m from wall/baffle | 2ft x 2ft baffle is built into the wall with horn front mounted | Carver PM-120 amplifier | 2700ft3 chamber with fiberglass on all six surfaces (three with custom-made wedges).