

# 6FR900

Midrange / Full-Range

**400W**

Available in 8Ω



| Technical Specifications   |              |           |
|----------------------------|--------------|-----------|
| <b>Size</b>                | mm (in)      | 165 (6.5) |
| <b>Power Handling</b>      | W Peak       | 400       |
|                            | W Continuous | 200       |
| <b>Nominal Impedance</b>   | Ohm          | 8         |
| <b>Frequency Response</b>  | Hz           | 110-16K   |
| <b>Sensitivity</b>         | dB/SPL       | 106       |
| <b>Voice Coil Diameter</b> | mm (in)      | 38 (1.5)  |
| <b>VC Winding Material</b> |              | Copper    |
| <b>Weight</b>              | kg (lb.)     | 3.3(7.3)  |

| Mounting Information |    |     |
|----------------------|----|-----|
| <b>Diameter</b>      | mm | 171 |
| <b>Baffle Cutout</b> | mm | 153 |
| <b>Depth</b>         | mm | 75  |
| <b>Weight</b>        | Kg | 3.3 |

## Product Overview

The 6FR900 is a precision transducer engineered for applications where **extreme sensitivity** and **broad frequency linearity** are paramount. This driver offers a seamless acoustic solution from 110 Hz to 16 kHz, with linear phase. Utilizing a high-flux motor assembly and a lightweight, curvilinear cone, the 6FR900 achieves an exceptional 106 dB (1W/1m) sensitivity rating. This makes it an ideal component for **high-SPL automotive environments and professional "front-stage" arrays** where **vocal presence and transient response** are critical.

| Electro-acoustic Specs |                 |      |
|------------------------|-----------------|------|
| <b>Fs</b>              | Hz              | 110  |
| <b>Re</b>              | Ohm             | 6.2  |
| <b>Qes</b>             |                 | 0.47 |
| <b>Qms</b>             |                 | 4.6  |
| <b>Qts</b>             |                 | 0.41 |
| <b>Vas</b>             | L               | 5    |
| <b>Sd</b>              | cm <sup>2</sup> | 133  |
| <b>Mms</b>             | g               | 14.5 |
| <b>Bl</b>              | T.m             | 10.6 |

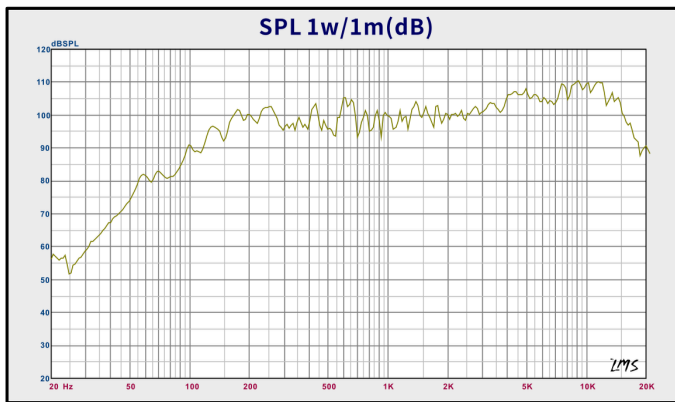
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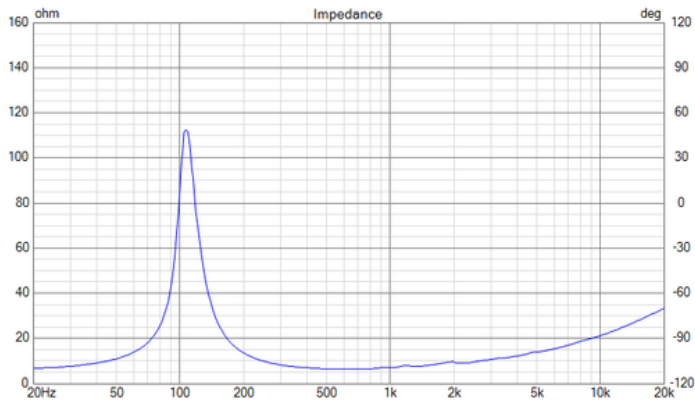
400W



## Frequency Response Graph



## Impedance Graph



|                |  |
|----------------|--|
| Date Published | 07/01/26   |
| Disclaimer     | Actual specifications may differ from this model reference data sheet      |
| Disclaimer     | Specifications and product cosmetics are subject to change without notice. |
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