1" - TITANIUM COMPOSITE DOME - 25 mm

Replaceable voice coil assembly
Ion deposited pure Titanium
Injected polymer face plate
Reinforced glass fiber
High efficiency: 93 dB/W/m
Ferrofluid cooled voice coil

Pure Titanium is ion deposited onto an advanced soft polymer 1" diaphragm. The composite created offers increased stiffness with high internal damping, combining advantages of pure metal domes while retaining the low distortion of soft domes. The result is a detailed and musical sound reproduction. Easily coupled with 2nd order crossover as shown Fig. 1. Two crossover points are suggested for adequate power handling.

Le dépôt sous vide d'une couche de Titane pur améliore la rigidité du dôme tout en préservant l'amortissement du dôme souple. Ce tweeter bénéficie ainsi d'une reproduction musicale et dynamique. Il peut être filtré au second ordre (12 dB/Oct) selon le schéma Fig 1. Deux fréquences de coupure sont proposées afin d'obtenir la tenue en puissance adéquate.
**AUDAX**

**TW025M3**

**TWEETER**

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**RESPONSE CURVE**
- Sensitivity Mag - dB SPL/watt (8.8 ohm load) (0.16 oct)(eq)

<table>
<thead>
<tr>
<th>Frequency (Hz)</th>
<th>Sensitivity (dB SPL/watt)</th>
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</thead>
<tbody>
<tr>
<td>100</td>
<td>90</td>
</tr>
<tr>
<td>200</td>
<td>85</td>
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<tr>
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</tr>
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<td>10000</td>
<td>60</td>
</tr>
<tr>
<td>20000</td>
<td>55</td>
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</tbody>
</table>

**IMPULSE RESPONSE**

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**SUGGESTED APPLICATIONS**

- Crossover Frequency: 2500 Hz
- Slope: 12 dB/Oct.
- Self-inductance: 0.36 mH
- Capacitor: 6.6 µF
- Nominal Power Handling: 70 W
- Nominal Power Handling: 4.2 W

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Please refer to method of measurement and measurement conditions pages 15 to 19.

Audax may, without prior notification, modify the specifications on its products further to research and development requirements.