**BASS MIDRANGE**

**AP210G6 W08PGS2511**

102046M

**Shielded 8” coated paper cone**  
**High impact polymer chassis**

- Fully shielded magnet system for audio video application
- Non resonant high impact polymer chassis
- Built in cosmetic ring designed for front-rear and recessed mounting
- Coated paper cone
- High loss rubber surround
- High temperature voice coil - 4 layers
- Aluminium former

**Response Curve**

![Response Curve Graph]

**Waterfall**

Cumulative Spectral Decay  
Log Frequency - Hz

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Technical characteristics</th>
<th>Symbol</th>
<th>Value</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRIMARY APPLICATION</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nominal Impedance</td>
<td>Z</td>
<td>6</td>
<td>Ω</td>
</tr>
<tr>
<td>Resonance Frequency</td>
<td>Fs</td>
<td>33.7</td>
<td>Hz</td>
</tr>
<tr>
<td>Nominal Power Handling</td>
<td>P</td>
<td>50</td>
<td>W</td>
</tr>
<tr>
<td>Sensitivity (2,83V / 1m)</td>
<td>E</td>
<td>91.9</td>
<td>dB</td>
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</tbody>
</table>

**VOICE COIL**

- Voice Coil Diameter: \( \phi \) 25 mm
- Minimum Impedance: \( Z_{\text{min}} \) 6.5 Ω
- DC Resistance: \( Dc \) 5.6 Ω
- Voice Coil Inductance: \( L_{\text{bm}} \) 1.40 mH
- Voice Coil Length: \( L \) 11 mm
- Former: Aluminium
- Number of Layers: \( n \) 4
- Wire type: - round -

**PARAMETERS**

- **MAGNET**
  - Magnet Dimensions: \( \phi \times h \) \( 54 \times 54 \times 120 \) mm
  - Magnet Weight: \( m \) (0.347-0.245) kg
  - Flux Density: \( B \) 90 T
  - Force Factor: \( F \) 8.98 NA
  - Weight of Magnetic Gap: \( W \) 6 mm
  - Stray Flux: \( F_{\text{mag}} \) - Am²
  - Linear Excursion: \( X_{\text{rms}} \) ± 2.5 mm

- **Suspension Compliance**: \( C_{\text{m}} \) 1102 μm/N
- **Mechanical Q Factor**: \( Q_{\text{m}} \) 3.66
- **Electrical Q Factor**: \( Q_{\text{e}} \) 0.30
- **Total Q Factor**: \( Q_{\text{t}} \) 0.28
- **Mechanical Resistance**: \( R_{\text{ms}} \) 1.16 kg s⁻¹
- **Moving Mass**: \( M_{\text{m}} \) 20.19 g
- **Effective Piston Area**: \( S \) 226.98 cm²
- **Volume Equivalent of Air at Cms**: \( V_{s} \) 79.73 liters

**Suggested Application**

<table>
<thead>
<tr>
<th>Vb</th>
<th>Fb</th>
<th>Dp</th>
<th>Lp</th>
<th>F-3</th>
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<tbody>
<tr>
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<tr>
<td>20</td>
<td>48.1</td>
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