Hi Fi. Rectangular. Textile 8 Ω

- Catenary profile textile dome - PE laminate
- Ultra compact design for small high-end and multimedia systems
- Smooth response face plate profile
- Ultra light copper clad aluminium wire
- High energy neodymium magnet (20 times ceramic magnet)
- Ferrofluid cooled voice coil (new generation: 250 cps)
- Inherently shielded magnet system for audio / video application

**Response Curve**

**Waterfall**

**Specifications**

Technical characteristics | Symbol | Value | Units
--- | --- | --- | ---
Nominal Impedance | $Z$ | 8 | Ω
Resonance Frequency | $F_s$ | 1561.9 | Hz
Nominal Power Handling | $P$ | 40 | W
Sensitivity (0.83 V - 1m) | $E$ | 91 | dB

**Voice Coil**

- Voice Coil Diameter | $\phi$ | 20 | mm
- Minimum Impedance | $Z_{\text{min}}$ | 5.3 | Ω
- DC Resistance | $D_{\text{C}}$ | 4.86 | Ω
- Voice Coil Inductance | $L_{\text{v}}$ | 0.03 | mH
- Voice Coil Length | $h$ | 1.7 | mm
- Form | - | Aluminium | -
- Number of Layers | $n$ | 2 | -
- Wire type | - | Round | -
- Wire material | - | Aluminium | -

**Magnet**

- Magnet Dimensions | $a \times h$ | 20 x 4 | mm
- Magnet Weight | $m$ | 8.0 | g
- Flux Density | $B$ | 1 | T
- Force Factor | $F_{\text{BL}}$ | - | NA
- Height of Magnetic Gap | $H_{\text{e}}$ | 0.2 | mm
- Stray Flux | $F_{\text{mag}}$ | - | $\text{Am}^{-1}$
- Linear Excursion | $X_{\text{max}}$ | ±0.15 | mm

**Parameters**

- Suspension Compliance | $C_{\text{ms}}$ | - | μm/N
- Mechanical Q Factor | $Q_{\text{ms}}$ | 2.11 | -
- Electrical Q Factor | $Q_{\text{es}}$ | 2.99 | -
- Total Q Factor | $Q_{\text{ts}}$ | 1.24 | -
- Mechanical Resistance | $R_{\text{ms}}$ | - | kg s\(^{-1}\)
- Moving Mass | $M_{\text{ms}}$ | - | g
- Effective Piston Area | $S$ | 3.14 | cm\(^2\)
- Volume Equivalent of Air at C | $V_{\text{at}}$ | - | liters
- Mass of Speaker | $M$ | 47 | g

**Suggested Application**

<table>
<thead>
<tr>
<th>Crossover Frequency</th>
<th>Slope</th>
<th>Inductance</th>
<th>Capacitor</th>
<th>Power Handling</th>
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<td>6</td>
<td>-</td>
<td>8</td>
<td>40</td>
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<td>6.8</td>
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