Small competitively priced dome tweeter with an 80 mm face plate. The small size makes it very suitable for use in satellite systems together with for instance 5" woofers or in hi-fi boxes where a small tweeter is preferred. It has a very smooth response and is a good sounding small tweeter.

**Nominal impedance:** Nominal impedance Znun (Ω) 8.0
**Minimum impedance/impedance at freq.** Zmin (Ω/Hz) 7.4/2300
**Maximum impedance** Zmax (Ω) 19.5
**Dc resistance** Rdc (Ω) 70
**Voice coil inductance** Lc (mH) 0.1
**Resonance frequency** f0 (Hz) 805
**Mechanical Q factor** Qms : 6.18
**Electrical Q factor** Qes : 3.45
**Total Q factor** Qts : 2.21
**Mechanical resistance** Rms (g) 0.28
**Moving mass** Mms (g) 0.26
**Suspension compliance** Cms (mm/N) 0.09
**Effective cone diameter** D (cm) 2.8
**Effective piston area** Sd (cm²) 6.2
**Force factor** BmL (N/A) 1.9

**Reference Voltage Sensitivity** Re 2.83V rms at 2300 Hz 89.0

**Power handling:**
- **Long-term Max System Power (W):** 90
- **Max linear SPL (dB re: 1mW):** 100.25
- **Frequency range for test signal:** 3500-20000 Hz

**Magnet and voice coil parameters:**
- **Voice coil diameter** d (mm): 26
- **Voice coil length** h (mm): 1.6
- **Voice coil layers** n : 2
- **Flex density in gap** B (T): 10
- **Total useful flux** Φ (mWb): 0.2
- **Height of the gap** hg (mm): 2.5
- **Diameter of magnet** dm (mm): 55
- **Height of magnet** hm (mm): 8
- **Weight of magnet** (kg): 0.007

---

![Diagram of 1" Dome Tweeter](image-url)