

76 mm Dome Midrange

D7608/920010



T-S Parameters:

Resonance frequency [fs]	300 Hz
Mechanical Q factor [Qms]	7.75
Electrical Q factor [Qes]	2.22
Total Q factor [Qts]	1.73
Force factor [Bl]	4.7 Tm
Mechanical resistance [Rms]	0.80 kg/s
Moving mass [Mms]	3.3 g
Compliance [Cms]	0.09 mm/N
Effective diaph. diameter [D]	84 mm
Effective piston area [Sd]	55 cm ²
Equivalent volume [Vas]	0.36 l
Sensitivity (2,83V/1m)	92 dB

Mechanical Data:

Voice coil diameter	76 mm
Voice coil height	2.9 mm
Voice coil layers	2
Gap height	2 mm
Linear excursion	± 0.4 mm
Max mech. excursion	± 1.5 mm
Unit weight	0.6 kg
Cabinet Displacement Volume	0.21 l

Electrical Data:

Nominal impedance [Zn]	8 Ω
Minimum impedance [Zmin]	6.2 Ω
Maximum impedance [Zo]	25.6 Ω
DC resistance [Re]	5.7 Ω
Voice coil inductance [Le]	0.13 mH

Power Handling:

100h RMS noise test (IEC 18.4)	80 W
Long-term max power (IEC 18.2)	- W
X-over: 2. order HP Butterworth, 500 Hz	

Key Features:

- Fast action due to low moving mass
- Wide Dispersion
- High SPL Output 92dB
- Vented / open rearside
- Internal Ferrite Magnet
- Internal grill to prevent dome from being pushed in

Recommendations (please see Tech Note):

- Operating frequency range: 600-6000 Hz
- Cabinet volume - closed box: Vbox=0.5 ltr, f(-3dB)=270 Hz
- Cabinet volume - vented box: N.a.

