

Duelund Coherent Audio 8" Precision Audio Driver

Electrical data

Nominal impedance	Zn	8 Ω
Minimum impedance/freq.	Zmir	6,5 / 224 Ω /Hz
Maximum impedance	Zo	70,5 Ω
DC resistance	Re	5,8 Ω
Voice coil inductance	Le	0,46 mH

Voice coil and motor

Voice coil diameter	42,0 mm
Voice coil length	19,0 mm
Voice coil layers	2
Height of gap	10,0 mm
Linear excursion \pm	4,5 mm
Max. excursion \pm	12,0 mm

T-S parameters

Resonance Frequency	fs	25,3 Hz
Mechanical Q-factor	Qms	3,31
Electrical Q-factor	Qes	0,24
Total Q-factor	Qts	0,22

Diameter of magne	121 mm
Height of magnet	48 mm

Force factor	Bl	8,8 Tm
Mechanical resistance	Rms	1,0 kg/s
Moving mass	Mms	20,4 g
Suspension compliance	Cms	1,94 mm/N

Power handling

100 h RMS noise test (IEC)	100 W
Long term max system power (IEC 268-5 noise signal is used for the power test.)	160 W

Effective piston area	Sd	227 cm ²
Equivalent volume	Vas	139,9 ltrs

Remarks Power Handling

Voltage sensitivity 1m/2.83Volt	90,6 dB	(none)
Average 300-1000Hz		

Special remarks

Freq. x3 Imp. 2nd. 3rd. 300-1000Hz 90.6dB/1m/2.83Volt
 21W/8554T02 11/13-17
 320LTR, BOFF56H1, 21W, mr1
 S0542 LAB REF
 SN 23

