

**TWEETER**

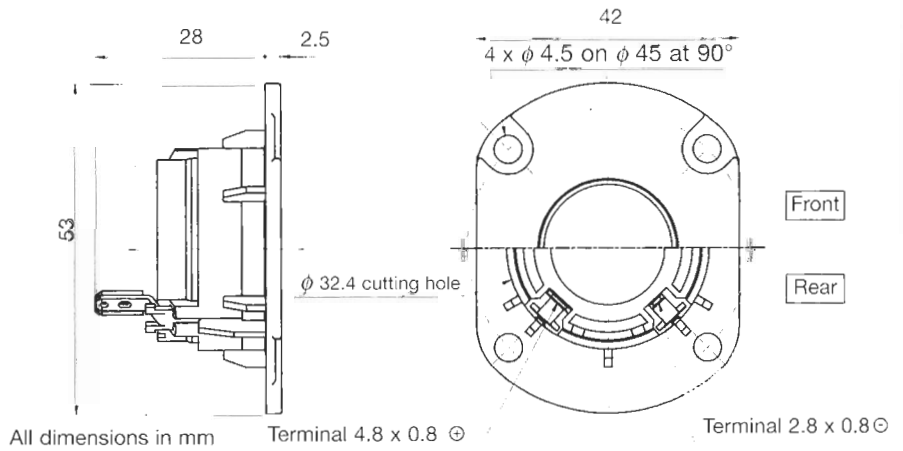
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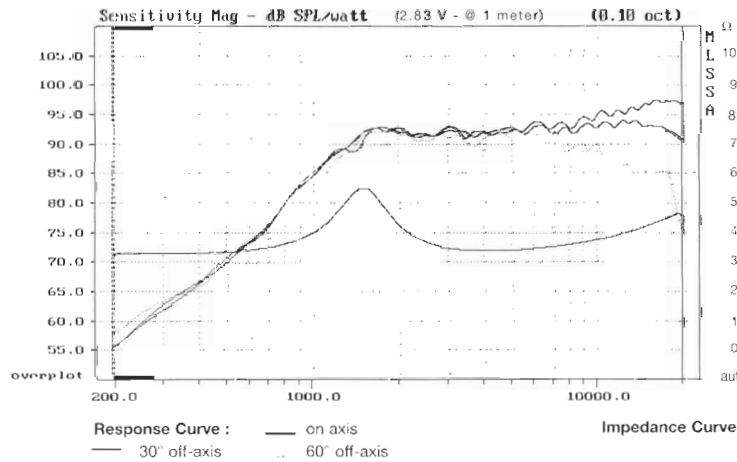
**Hi Fi . Rectangular . Textile 4 Ω**



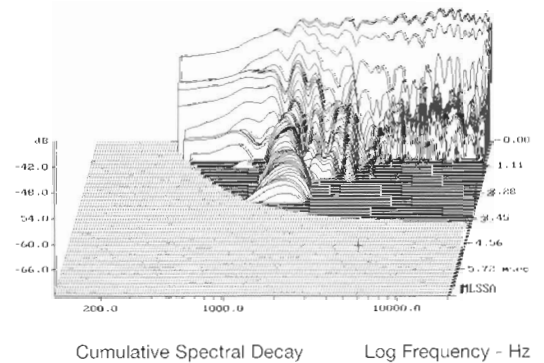
- Catenary profile textile dome - PE laminate
- Ultra compact design for small high-end and multimedia systems
- Smooth response face plate profile
- Ultra light copper clad aluminium wire
- High energy neodymium magnet (20 times ceramic magnet)
- Ferrofluid cooled voice coil (new generation : 250 cps)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



**Response Curve**



**Waterfall**



**SPECIFICATIONS**

Technical characteristics	Symbol	Value	Units
<b>PRIMARY APPLICATION</b>			
Nominal Impedance	Z	4	Ω
Resonance Frequency	Fs	1505.1	Hz
Nominal Power Handling	P	40	W
Sensitivity (2.83 V - 1m)	E	92	dB
<b>VOICE COIL</b>			
Voice Coil Diameter	φ	20	mm
Minimum Impedance	Zmin	3.4	Ω
DC Resistance	Dcr	2.97	Ω
Voice Coil Inductance	L0m	0.01	mH
Voice Coil Length	lh	1.7	mm
Former	-	Aluminium	-
Number of Layers	m	2	-
Wire type	-	round	-
Wire material	-	Aluminium	-

**MAGNET**

Magnet Dimensions	φ x lh	20 x 4	mm
Magnet Weight	m	8.9	g
Flux Density	B	1	Tl
Force Factor	BL	-	NA
Height of Magnetic Gap	hle	0.2	mm
Stray Flux	fimag	-	Am <sup>2</sup>
Linear Excursion	Xmax	± 0.15	mm

**PARAMETERS**

Suspension Compliance	Cms	-	µm/N
Mechanical Q Factor	Qms	1.94	-
Electrical Q Factor	Qes	2.54	-
Total Q Factor	Qts	1.1	-
Mechanical Resistance	Rms	-	kg s <sup>-1</sup>
Moving Mass	Mms	-	g
Effective Piston Area	S	3.14	cm <sup>2</sup>
Volume Equivalent of Air at Gas	Vas	-	liters
Mass of Speaker	M'	47	g

**Suggested Application**

Crossover Frequency	Slope	Inductance	Capacitor	Power Handling
Hz	dB / Oct.	mH	µF	W
3230	6	-	12	40
2370	12	0.45	10	40