



812978

SHIELDED DT100H TWEETER 1"/100mmØ

TWEETER 1"/100mmØ MAGNETICALLY SHIELDED - 100 DT 26 60 SF WA TV

Same speaker as the popular 811827 unit with a wide angle dispersion fascia and smooth high power ferro fluid, but with the addition of shielding. Low stray flux makes this high end tweeter ideal for surround sound applications where the driver is located near a television, etc. A truly high quality tweeter for use in demanding systems. SSS "Low distortion Soft Dome. Excellent value Audiophile & home theater."

Nominal impedance	Zn	(ohm)	8
Minimum impedance/at freq.	Zmin	(ohm/Hz)	5.8/2700
Maximum impedance	Zo	(ohm)	27.4
DC resistance	Re	(ohm)	5.4
Voice coil inductance	Le	(mH)	0.1
Resonance Frequency	fs	(Hz)	940
Mechanical Q factor	Qms		5.50
Electrical Q factor	Qes		1.36
Total Q factor	Qts		1.09
Mechanical resistance	Rms	(Kg/s)	0.37
Moving mass	Mms	(g)	0.34
Suspension compliance	Cms	(mm/N)	0.08
Effective cone diameter	D	(cm)	2.8
Effective piston area	Sd	(cm ²)	6.2
Force factor	Bl	(N/A)	2.8
Reference voltage sensitivity			
Re 2.83V 1m at 2700 Hz (Measured)		(dB)	91
Voice coil diameter	d	(mm)	26
Voice coil length	h	(mm)	1.8
Voice coil layers	n		2
Flux density in gap	B	(T)	1.1
Total useful flux		(mWb)	0.3
Height of the gap	hg	(mm)	2.5
Diameter of magnet	dm	(mm)	60+51
Height of magnet	hm	(mm)	10+8
Weight of magnet		(kg)	.1+07
Power handling:			
Long term Max System Power (IEC)	(W)		100

