

105 DT 26 72 SF 4Ω SCR

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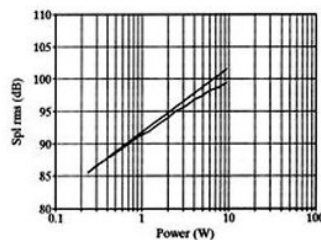
A 4Ω dome tweeter with protection screen. This tweeter is made for critical listeners of car stereo who prefer a real quality speaker in their car but also require the dome to be protected from touch. It has aluminium flange and fabric dome. An alternative use is in hi-fi systems which for some reasons have to be protected from touch.

**Thiele Small parameters:**

Nominal impedance	Zn (Ω)	4
Minimum impedance/at freq.	Zmin (Ω/Hz)	4.1 / 3500
Maximum impedance	Zo (Ω)	20.4
Dc resistance	Re (Ω)	3.7
Voice coil inductance	Le (mH)	0.1
Resonance Frequency	fs (Hz)	950
Mechanical Q factor	Qms	5.22
Electrical Q factor	Qes	1.16
Total Q factor	Qts	0.95
Mechanical resistance	Rms (Kg/s)	0.32
Moving mass	Mms (g)	0.28
Suspension compliance	Cms (mm/N)	0.10
Effective cone diameter	D (cm)	3.0
Effective piston area	Sd (cm <sup>2</sup> )	7.1
Force factor	Bl (N/A)	2.3
Reference voltage sensitivity		92
Re 2.83V 1m at 3500 Hz (Measured)		

**Magnet and voice coil parameters:**

Voice coil diameter	d (mm)	26
Voice coil length	h (mm)	1.3
Voice coil layers	n	2
Flux density in gap	B (T)	1.5
Total useful flux	(mWb)	0.3
Height of the gap	hg (mm)	2.5
Diameter of magnet	dm (mm)	72
Height of magnet	hm (mm)	15
Weight of magnet	(kg)	0.24

**Max linear SPL:****Power handling**

Longterm Max System Power (IEC) (W) 110

