



100 DT 26 72 SF 8Ω

811546

Standard dome tweeter. This tweeter incorporates many advantageous features which all are typical for Peerless dome tweeters: High sensitivity, smooth frequency response, absolutely natural reproduction, high power handling capacity and an easily replaceable self-centering diaphragm assembly. It can be used in any hi-fi system.

DT 100

Thiele Small parameters:

Nominal impedance	Zn (Ω)	8
Minimum impedance/at freq.	Zmin (Ω/Hz)	7.5 / 3100
Maximum impedance	Zo (Ω)	37.3
Dc resistance	Re (Ω)	7.0
Voice coil inductance	Le (mH)	0.1
Resonance Frequency	fs (Hz)	950
Mechanical Q factor	Qms	4.90
Electrical Q factor	Qes	1.13
Total Q factor	Qts	0.92
Mechanical resistance	Rms (Kg/s)	0.36
Moving mass	Mms (g)	0.29
Suspension compliance	Cms (mm/N)	0.10
Effective cone diameter	D (cm)	2.8
Effective piston area	Sd (cm ²)	6.2
Force factor	Bl (N/A)	3.3

Reference voltage sensitivity
Re 2.83V 1m at 3100 Hz (Measured)

92

Power handling

Longterm Max System Power (IEC) (W)

A noise signal simulating normal programme material with a crest factor of 6dB (IEC 268-5) is used in Longterm Power and Lin. SPL tests.
Frequency range for test signal (Hz) 5000-20000

Magnet and voice coil parameters:

Voice coil diameter	d (mm)	26
Voice coil length	h (mm)	1.6
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: