

Peerless

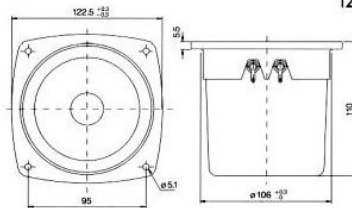


4 1/2" MIDRANGE



821615

122 M 26 72 PPB FF 8Ω



Cone midrange with solid integrated die-cast basket and housing. "All PP" cone, surround and dustcap formed in one piece of special black polypropylene. The voice coil is damped with magnetic oil. An outstanding midrange with smooth response and practical to use as it demands no special volume and no complicated filter.

Thiele Small parameters:			Magnet and voice coil parameters:		
Nominal impedance	Z _{nom} (Ω):	8.0	Voice coil diameter	d (mm):	26
Minimum impedance/at freq.	Z _{min} (Ω/Hz):	8.3/950	Voice coil length	h (mm):	9.0
Maximum impedance	Z _o (Ω):	9.3	Voice coil layers	n :	2
Dc resistance	R _e (Ω):	6.2	Flux density in gap	B (T):	1.1
Voice coil inductance	L _e (mH):	0.3	Total useful flux	Φ (mWb):	0.5
Resonance frequency	f _s (Hz):	530	Height of the gap	h _g (mm):	5.0
Mechanical Q factor	Q _{ms} :	1.07	Diameter of magnet	d _m (mm):	72
Electrical Q factor	Q _{es} :	2.16	Height of magnet	h _m (mm):	15
Total Q factor	Q _{ts} :	0.72	Weight of magnet	(kg):	0.24
Mechanical resistance	R _{ms} (kg/s):	17.83	Power handling:		
Moving mass	M _{ms} (g):	5.73	Longterm Max System Power (IEC)	(W):	180
Suspension compliance	C _{ms} (mm/N):	0.02	Max linear SPL (rms)/by power	(dB/W):	110/115
Effective cone diameter	D (cm):	9.6	Frequency range for test signal:	1000-5000 Hz	
Effective piston area	S _d (cm ²):	72.0	Normal programme material signal with a crest factor of 6dB (IEC 268-5) is used in both tests		
Force factor	BL (N/A):	7.4			
Reference Voltage Sensitivity	(dB):	91.0			
Re 2.83V 1m at 950 Hz					

