


10C262

10" Coaxial Transducer

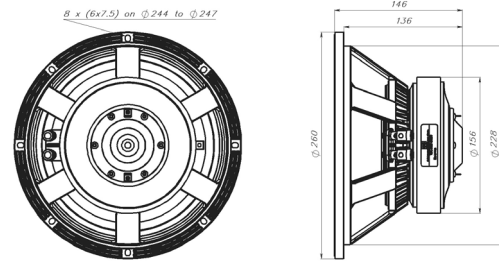


Features:

- 96 dB sensitivity 1 W / 1 m
- 400W Power handling
- 2.5" Copper sandwich voice coil
- Double treated cone for water protection
- Triple aluminum demodulating ring
- Single point source providing coherent wave front
- Very high SPL, superb quality sound
- Optimal for compact 2-way systems
- Light weight carbon fiber diaphragm

SPECIFICATIONS

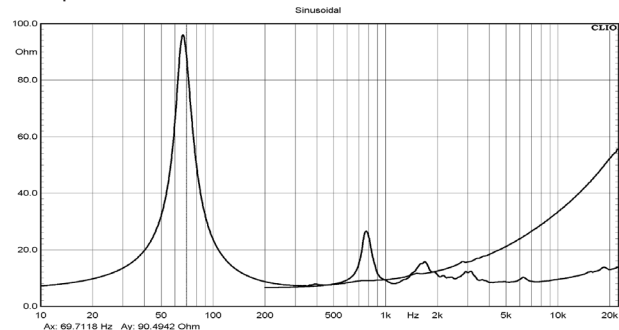
APPLICATION	Transducer		
Nominal impedance	Ohm	8/8	
Power handling AES noise	W	400	
LOW FREQUENCY UNIT			
Sensitivity (1W / 1m)	dB	96	
Frequency response	Hz	60-20000	
Voice Coil Diameter	mm	63.6 (2.5")	
Voice Coil Material		Cu	
Voice Coil Winding Depth	mm	19	
Magnet Gap Depth	mm	8	
Basket	Cast Aluminum		
Effect. Diaphragm DiameterD	mm	202	
THIELE-SMALL PARAMETERS 10C262			
Resonance Frequency	Fs	Hz	65
DC Resistance	Re	Ohm	5.9
Mechanical Q Factor	Qms		4.6
Electrical Q Factor	Qes		0.4
Total Quality Factor	Qts		0.37
Equivalent Volume	Vas	L	25.5
Moving Mass	Mms	kg	0.034
Mechanical Compliance	Cms	mm /N	0.176
BL Factor	BL	Tesla m	14.3
Effective Piston Area	Sd	m ²	0.0320
Max. Linear Excursion	Xmax	mm	± 5.5
Voice Coil Inductance	Le1k	mH	0.5
	Le10k	mH	0.38
SPECIFICATIONS HIGH FREQUENCY			
Power handling AES	W	80	
Peak Power	W	450	
Sensitivity (1W / 1m)	dB	112	
Frequency range	Hz	1000-20000	
Recommended crossover	Hz	1200	
Voice Coil Diameter	mm	44.4(1.75")	
Magnet material	Ferrite		
Flux density	T	1.6	
Voice coil material:	Copper clad Aluminum		
	(2 layers in and outside the VC)		
Voice coil former	Kapton TM		
Diaphragm material	Polyester		



Frequency response measured 1W (2.83V) at 1 m on a standard baffle in an anechoic chamber incl. 2nd and 3rd harmonic distortion raised 10 db..



Impedance - 8 Ohm driver



MOUNTING INFORMATION		
Overall Diameter	mm	Ø260
Mounting Holes Diameter	mm	8 x (6 x 7.5)
Bolt Circle Diameter	mm	From Ø244 up to Ø247
Baffle cut-out Diameter	mm	Ø230
Overall Depth	mm	146
Net weight	Kg	5.05

Recommended reflex enclosure:
10C262-8: 20L/60Hz BRD=80mm/150mm long