



DELTALITE® 2512

Nominal Basket Diameter	12", 304.8mm
Impedance	8Ω
Power Rating	300Wrms
Resonance	42Hz
Usable Frequency Range	30Hz - 3.5kHz
Sensitivity	see guide on web
Magnet Weight	7oz.
Gap Height	0.325", 8.26mm
Voice Coil Diameter	2.5", 63.5mm

Mounting Information

Overall Diameter	12.38", 314.3mm
Baffle Hole Diameter	11.04", 280.4mm
Front Sealing Gasket	<i>fitted as standard</i>
Rear Sealing Gasket	<i>fitted as standard</i>
Mounting Holes Diameter	0.275", 6.99mm
Mounting Holes B.C.D.	11.62", 295.15mm
Depth	6.05", 153.56mm
Shipping Weight	8.6 lbs., 3.9 kg.

Thiele-Small Parameters

Resonant Frequency (fs)	42Hz
Impedance (Re)	5.21Ω
Coil Inductance (Le)	0.71mH
Electromagnetic Q (Qes)	0.40
Mechanical Q (Qms)	4.02
Total Q (Qts)	0.36
Compliance Equivalent Volume (Vas)	154.5 liters
	5.46 cu. ft.
Mechanical Compliance of Suspension (Cms)	0.39mm/N
BL Product (BL)	11.3 T-M
Diaphragm Mass inc. Airload (Mms)	36.8 grams
Equiv. Resistance of Mechanical	
Suspension Loss (Rms)	2.43N*sec/M
Efficiency Bandwidth Product (EBP)	107
Voice Coil Overhang (Xmax)	2.9mm
Surface Area of Cone (Sd)	532.4cm ²
Impedance at Resonance (Zmax)	58Ω

Materials of Construction

- Kapton coil former for increased rigidity and thermal protection
- Polyamide-imide coated edgewound aluminum voice coil with BeCu lead-outs for durability, increased sensitivity, and power handling
- Neodymium magnet for substantial weight reduction
- Lightweight die-cast aluminum basket for rigidity
- Paper cone
- Rolled cloth cone edge with deep corrugations for extended Xmax
- Aluminum phasor/heatsink to transfer heat from the motor structure and smooth response
- Screened cloth dust cap for enhanced cooling and protection

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