

## DELTALITE® 2510

Nominal Basket Diameter	10", 254mm
Impedance	8Ω
Power Rating	300Wrms
Resonance	41Hz
Usable Frequency Range	30Hz - 3.5kHz
Sensitivity	<a href="#">see guide on web</a>
Magnet Weight	7oz.
Gap Height	0.325", 8.26mm
Voice Coil Diameter	2.5", 63.5mm

### Mounting Information

Overall Diameter	10.25", 260.4mm
Baffle Hole Diameter	9.15", 232.4mm
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.	9.73", 247.14mm
Depth	4.94", 125.58mm
Shipping Weight	7.5 lbs., 3.4 kg.

### Thiele-Small Parameters

Resonant Frequency (fs)	41Hz
Impedance (Re)	5.47Ω
Coil Inductance (Le)	0.68mH
Electromagnetic Q (Qes)	0.31
Mechanical Q (Qms)	5.89
Total Q (Qts)	0.29
Compliance Equivalent Volume (Vas)	107.9 liters 3.8 cu. ft.
Mechanical Compliance of Suspension (Cms)	0.63mm/N
BL Product (BL)	10.6 T-M
Diaphragm Mass inc. Airload (Mms)	24.2 grams
Equiv. Resistance of Mechanical Suspension Loss (Rms)	1.06N*sec/M
Efficiency Bandwidth Product (EBP)	136
Voice Coil Overhang (Xmax)	3.9mm
Surface Area of Cone (Sd)	350.1cm <sup>2</sup>
Impedance at Resonance (Zmax)	112Ω



### 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

Eminence Speaker LLC  
P. O. Box 360  
Eminence, KY 40019  
502.845.5622 phone  
502.845.5653 fax