



## DELTALITE® 2515

Nominal Basket Diameter	15", 381mm
Impedance	8Ω
Power Rating	300 W
Resonance	41Hz
Usable Frequency Range	30Hz - 3kHz
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	15.32", 389.1mm
Baffle Hole Diameter	14.00", 355.6mm
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.	14.56", 369.88mm
Depth	6.80", 172.62mm
Shipping Weight	8.6 lbs., 3.9kg.

### Thiele-Small Parameters

Resonant Frequency (fs)	41Hz
Impedance (Re)	5.07Ω
Coil Inductance (Le)	0.68mH
Electromagnetic Q (Qes)	0.55
Mechanical Q (Qms)	8.71
Total Q (Qts)	0.52
Compliance Equivalent Volume (Vas)	284.1 liters
	10.03 cu. ft.
Mechanical Compliance of Suspension (Cms)	0.28mm/N
BL Product (BL)	11.36 T-M
Diaphragm Mass inc. Airload (Mms)	54 grams
Equiv. Resistance of Mechanical	
Suspension Loss (Rms)	1.61N*sec/M
Efficiency Bandwidth Product (EBP)	75
Voice Coil Overhang (Xmax)	2.9mm
Surface Area of Cone (Sd)	856.3cm <sup>2</sup>
Impedance at Resonance (Zmax)	86Ω

### 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