

VM527

2" - Midrange Dome

Studio Range

Applications:Midrange in Studio Monitors

- 75 Watt (AES)
- FEA Designed Magnet System
- 2" Soft Mid Range Dome
- 91dB Sensitivity
- Wide Dispersion
- Net Weight: 2.2 Kgs







The VM527 is a 2" (52mm) soft midrange dome unit which has been designed for a smooth extended response with minimal colouration and low distortion over the critical midband frequencies. The coated one piece fabric dome/surround is coupled with a lightweight Kapton/Nomex, single layer, round wire copper voice coil for accurate transient response. An a FEA designed magnet system ensures linear coil movement even at high power levels. The magnet system develops high magnetic flux density due to its precise gap clearance enabling excellent heat dissipation for high power handling and efficiency. Wide dispersion is controlled by the short, optimally angled front mounted horn flare which also incorporates the threaded fixing points for rear mounting. The termination braids are hidden inside the unit and are not visible, connection is by 6.4mm (0.25") spade terminals allowing soldering or push on receptacles. The entire dome/coil assembly is built onto a replaceable ring that accurately self locates so allowing easy field replacement.

Specifications

Nominal Diameter
Power Rating
Sensitivity (1w / 1m)
Frequency Range
Nominal Impedance
Voice Coil Diameter
Voice Coil Material
Voice Coil Former
Suspension
Cone material
Surround
Maximum Excursion
Magnetic Assembly Weight
Connection
Chassis

140 mm
75 Watt (AES)
91 dB
500 - 4500Hz
8 ohms
52 mm
Copper
Kapton/Nomex
Single
Coated Fabric
Coated Fabric
2 mm (peak to peak)
1.65 Kgs
6.4mm Solder Terminals
Machined Aluminium

Thiele-Small Parameters

Fs	502 Hz
Re	5.5 Ohms
Qms	n/a
Qes	n/a
Qts	n/a
Vas	n/a
Xmax	±1 mm
Sd	28.27 cm2
Vd	2.827 cm3
l e	n/a

Mounting Information

 Overall Diameter
 140 mm

 Fixing Bolt Diameter
 124.5 mm

 Fixing Holes
 4 x M5

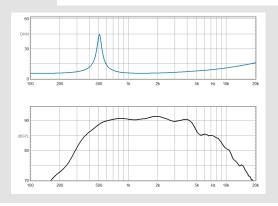
 Rear Mount Cut-out Diameter
 110 mm

 Suggested Rebate Depth
 18 mm

 Total Depth
 58 mm

 Weight
 2.2 Kgs

Response Curve



Dimensions

