



Model: RS-VX4  
4" COAXIAL SPEAKER  
1" Voice Coil

| SPECIFICATIONS                   |             |      |                                                                                                                                                              |  |
|----------------------------------|-------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| General Data                     |             | Unit | FEATURES                                                                                                                                                     |  |
| Overall Dimensions               | Ø102 x74    | mm   | Steel Basket<br><br>Plated Injection PP Cone With Rubber Surround<br><br>1" Kapton Voice Coil<br><br>10.9oz Ferrite Magnet<br><br>1" Voice Coil Dome Tweeter |  |
| Nominal Power Handling           | 50          | W    |                                                                                                                                                              |  |
| Maximum Power                    | 100         | W    |                                                                                                                                                              |  |
| Sensitivity                      | 88          | dB   |                                                                                                                                                              |  |
| Frequency Response               | 110~20000   | Hz   |                                                                                                                                                              |  |
| Cone Material                    | PP          |      | Dimensions                                                                                                                                                   |  |
| Basket                           | Steel       |      |                                                                                                                                                              |  |
| Net Weight                       | 0.77        | kg   |                                                                                                                                                              |  |
| Electrical Data                  |             |      |                                                                                                                                                              |  |
| Nominal Impedance                | 4           | Ohm  |                                                                                                                                                              |  |
| DC Resistance                    | 3.2         | Ohm  |                                                                                                                                                              |  |
| Voice Coil and Magnet Parameters |             |      |                                                                                                                                                              |  |
| Voice Coil Diameter              | 25.9        | mm   |                                                                                                                                                              |  |
| Voice Coil Height                | 8           | mm   |                                                                                                                                                              |  |
| Magnetic Gap Height              | 4           | mm   |                                                                                                                                                              |  |
| Voice Coil Bobbin                | Kapton      |      |                                                                                                                                                              |  |
| Number of Layers                 | 2L          |      |                                                                                                                                                              |  |
| T-S Parameters                   |             |      |                                                                                                                                                              |  |
| Suspension Compliance            | 482.101µM/N | Cms  |                                                                                                                                                              |  |
| Mechanical Q Factor              | 3.499       | Qms  |                                                                                                                                                              |  |
| Electrical Q Factor              | 0.718       | Qes  |                                                                                                                                                              |  |
| Total Q Factor                   | 0.596       | Qts  |                                                                                                                                                              |  |
| Moving Mass                      | 4.678g      | Mms  |                                                                                                                                                              |  |
| Eq. Cas AIR Loaded               | 3.725L      | Vas  |                                                                                                                                                              |  |
| Resonant Frequency               | 105.98Hz    | Fs   |                                                                                                                                                              |  |
| Effective Piston Area            | 52.81cm²    | SD   |                                                                                                                                                              |  |