

# SN-SERIES

## COAXIAL TRANSDUCER

### APPLICATION

- Suitable for portable Active systems.
- 2 way fixed or touring sound systems.

### H F UNIT

Power Capacity (RMS) 120 Watts  
 Sensitivity 1W / 1 M 106 dB  
 Frequency Range 1.5 K-20K Hz  
 Voice coil Diameter 44.4mm 1.75 in  
 Diaphragm Material Titanium

# SN-12C

Nominal OD. : 12" (305mm)  
 Nominal Impedance : 8 Ω  
 Power Rating : 250 W(rms)  
 Average Sensitivity 1W @ 1 m : 95 dB  
 Operating Bandwidth : 52Hz - 4.5k Hz  
 Hagnet Gap Dept : 0.39" (10mm)  
 Net Weight : 5.15 Kg(11.3Lb)/pc  
 Gross Weight : 6.05 Kg(13.3Lb)/pcs  
 Packing Dimension WxLxH (mm):  
 360 X 360 X 250  
 14.1inX 14.1inX9.8in  
 1.14 Cu.Ft.

### THIELE-SMALL PARAMETERS

Resonance Frequency (fs) : 52.4 Hz  
 DC.Resistance (Re) : 5.5 Ω  
 Mechanical Q (Qms) : 5.143  
 Electromagnetic Q (Qes) : 0.534  
 Total Q (Qts) : 0.484  
 BL.Product (BL) : 12.80 Tm  
 Effective Moving Mass (Mms) : 48.40 gr  
 Equivalent Cas Air Load (Vas) : 76.37 liters  
 Efficiency piston area (Sd) : 0.0530 m<sup>2</sup>  
 Voice - coil inductance @ 1KHz (Le1K) : 0.34 mH  
 Half-space efficiency (Eff) : 1.98%  
 Airgap Height (Hag) : 9.5mm  
 Voice coil Height (HVC) : 15.0 mm  
 Voice Coil Over Hang (X-max) : 2.8 mm



### PHYSICAL INFORMATION

Basket : Die Cast Aluminium  
 Magnet Type : Neodymium  
 Size ODxDxH (mm) : 61 X 25 X 15  
 Voice Coil Former : Glass Fiber Ployimide 400°C  
 Voice Coil Material : AL- Wire 300°C  
 Cone Material : Pulp Paper  
 Surround : Treated Cloth  
 Dust Cap : Porous Cloth

### MOUNTING INFORMATION

