

SN-SERIES COAXIAL TRANSDUCER



APPLICATION

- Suitable for portable Active systems, Mid-Low frequency for fixed or touring sound systems.

H F UNIT

Power Capacity (RMS)	80	Watts
Sensitivity 1W / 1 M	104	dB
Frequency Range	2 K-20K	Hz
Voice coil Diameter	34.4mm	1.35 in
Diaphragm Material	Titanium	

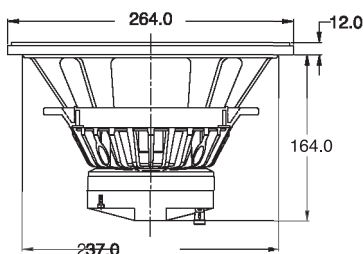
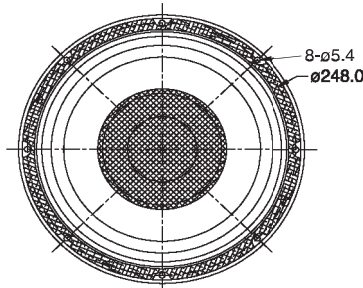
SN-10C

PHYSICAL INFORMATION

Basket	: Cast Aluminium
Magnet Type	: Neodymium
Size ODxIDxH (mm)	: 61 X 25 X 12
Voice Coil Former	: Glass Fiber Ployimide 400°C
Voice Coil Material	: CCAW 300°C
Cone Material	: Pulp Paper
Surround	: Treated Cloth
Dust Cap	: Porous Cloth

Nominal OD.	: 10" (254mm)
Nominal Impedance	: 8 Ω
Power Rating	: 200 W (rms)
Sensitivity 2.83 V, 1M	: 94 dB
Effective Piston Diameter	: 8.2", 208 mm
Voice Coil Diameter	: 2.5", 63.70 mm
Net Weight	: 3.08 Kg (6.77 Lb)/pcs
Gross Weight	: 3.76Kg (8.27Lb)/pcs
Packing Dimension WxLxH(mm)	: 310 X 310 X 220
	: 12.2inX 12.2inX8.6in

MOUNTING INFORMATION



THIELE-SMALL PARAMETERS

Resonance Frequency	(fs)	: 67.3 Hz
DC Resistance	(Re)	: 5.4 Ω
Coil Inductance	(Le)	: 0.30 mH
Mechanical Q	(Qms)	: 4.735
Electromagnetic Q	(Qes)	: 0.503
Total Q	(Qts)	: 0.455
Compliance Equivalent Volume	(Vas)	: 27.18 Liters
BL Product	(BL)	: 12.60 Tm
Diaphragm mass Inc. Airload	(Mms)	: 35.01 gm
Surface Area of Cone	(Sd)	: 0.0340 m ²
Voice Coil Over Hang	(X-max)	: 2.8 mm
Half-space efficiency	(Eff)	: 1.59 %
Airgap Height	(Hag)	: 9.5 mm
Voice coil Height	(Hvc)	: 15.0 mm

