



8CXN51

Coaxials - 8 Inches

500 W continuous program power capacity
 100° nominal coverage
 70 – 18000 Hz response
 97 dB sensitivity
 Single Neodymium magnet assembly



Specification

Nominal Diameter	210 mm (8 in)
Nominal Impedance	8 ohm
Minimum Impedance	LF 6 ohm - HF 7.4 ohm
Frequency Range	70 - 18000 Hz
Dispersion Angle	100
Diaphragm Material	Polyimide
Recom Crossover	1.8 kHz
Magnet Material	Neodymium Ring

LF UNIT

Sensitivity (1W/1m)	97 dB
Nominal Power Handling (AES)	250 W
Continuous Power Handling	500 W
Voice Coil Diameter	51 mm (2 in)
Winding Material	Aluminium

HF UNIT

Specification

Sensitivity (1W/1m)	104 dB
Nominal Power Handling (AES)	50 W
Continuous Power Handling	100 W
Voice Coil Diameter	44 mm (1.7 in)
Winding Material	Aluminium

Parameters

Fs	68 Hz
Re	4.9 ohm
Qes	0.29
Qms	4.7
Qts	0.27
Vas	17 dm ³ (0.6 ft ³)
Sd	220 cm ² (34.1 in ²)
EtaZero	1.8 %
XMax	+ - 6 mm
Xvar	+ - 6 mm
Mms	22 g
Bl	12.6 Txm

Parameters

Le	0.9 mH
----	--------

Mounting & Shipping

Overall Diameter	225 mm (8.8 in)
Bolt Circle Diameter	210 mm (8.3 in)
Baffle Cutout Diameter	187 mm (7.4 in)
Depth	111 mm (4.4 in)
Flange and Gasket Thickness	9.8 mm (0.4 in)
Net Weight	2.5 kg (5.5 lb)
Shipping Weight	3.2 kg (7 lb)
Shipping Box	260x260x170 mm (10.2x10.2x6.7 in)

Service kit LF

Service kit HF

