



# 8CX21

## Coaxials - 8 Inches

400 W continuous program power capacity  
 100° nominal coverage  
 75 - 20000 Hz response  
 94 dB sensitivity  
 XO-1 dedicated crossover network



### Specification

Nominal Diameter	210 mm (8 in)
Nominal Impedance	8 ohm
Minimum Impedance	LF 6.1 ohm - HF 7.2 ohm
Frequency Range	75 - 20000 Hz
Dispersion Angle	100
Diaphragm Material	Polyester
Recom Crossover	2.2 kHz
Magnet Material	Ceramic

### LF UNIT

Sensitivity (1W/1m)	94 dB
Continuous Power Handling	400 W
Nominal Power Handling (AES)	200 W
Voice Coil Diameter	52 mm (2 in)
Winding Material	Copper

### HF UNIT

Sensitivity (1W/1m)	101 dB
Nominal Power Handling (AES)	25 W

### Specification

Continuous Power Handling	50 W
Voice Coil Diameter	36 mm (1.4 in)
Winding Material	Aluminium

### Parameters

Fs	74 Hz
Re	5.2 ohm
Qes	0.39
Qms	4.1
Qts	0.36
Vas	15 dm <sup>3</sup> (0.55 ft <sup>3</sup> )
Sd	220 cm <sup>2</sup> (34.1 in <sup>2</sup> )
EtaZero	1.5 %
XMax	+/- 5 mm
Xvar	+/- 5.5 mm
Mms	21 g
Bl	11.5 Txm
Le	1.2 mH

### Mounting & Shipping

Overall Diameter	225 mm (8.8 in)
Bolt Circle Diameter	210 mm (8.3 in)
Baffle Cutout Diameter	187 mm (7.40 in)
Depth	135 mm (5.3 in)
Flange and Gasket Thickness	11 mm (0.4 in)
Net Weight	4 kg (8.8 lb)
Shipping Weight	4.7 kg (10.3 lb)
Shipping Box	260x260x170 mm (10.2x10.2x6.7 in)

### Crossover

Model	XO-1
Filter Type	Two way
Nominal Impedance	8 ohm
Crossover Frequency	2 kHz
Slope	12 dB/oct.(low) - 12 dB/oct.(high)
Overall Dimension	107x96 mm (4.2x3.8 in)
Weight	0.4 kg (0.9 lb)

Service kit LF	RCK008CX21
Service kit HF	MMD0128

