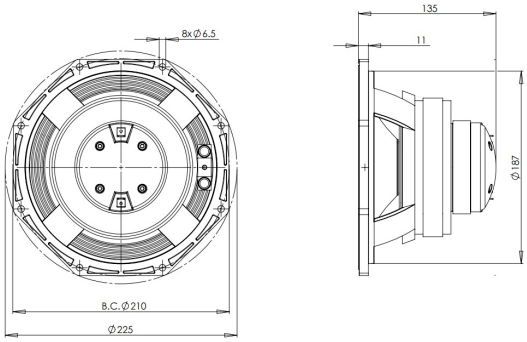
8CX21

8Ω

Coaxials - 8.0 Inches



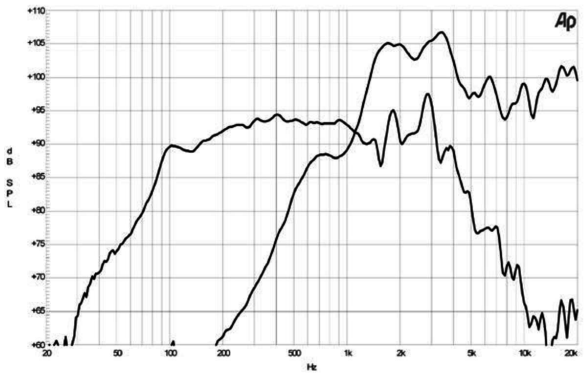
- 400 W continuous program power capacity
- 100° nominal coverage
- 75 - 20000 Hz response
- 94 dB sensitivity
- 34.5 mm (1.35”) HF unit exit diameter
- FB08CX21 dedicated crossover network

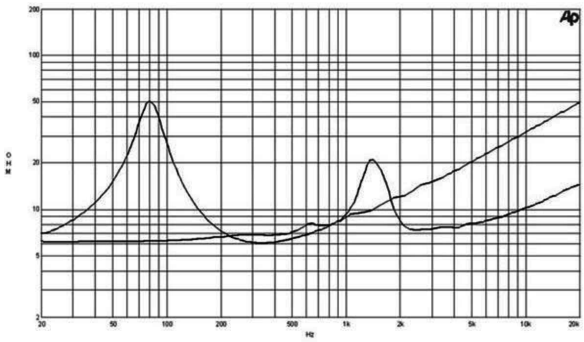
B&C Speakers s.p.a.

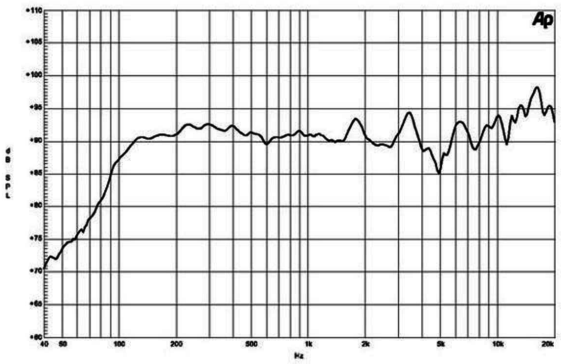
Via Poggiomoro, 1 - Loc. Vallina, 50012 Bagno a Ripoli (FI) - ITALY - Tel. +39 055 65721 - Fax +39 055 6572312 - mail@bcspeakers.com

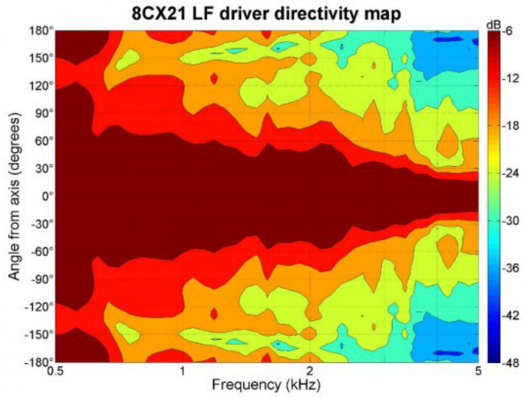
8CX21

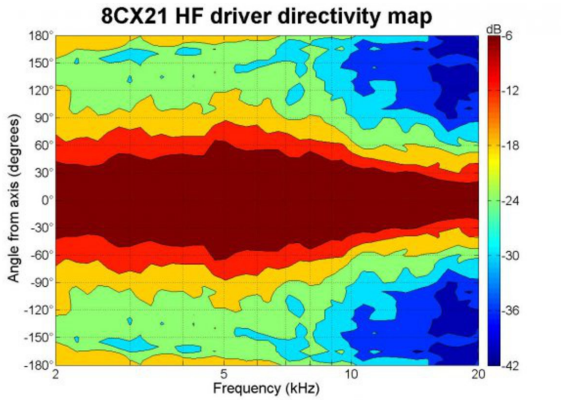
Coaxials- 8.0 Inches

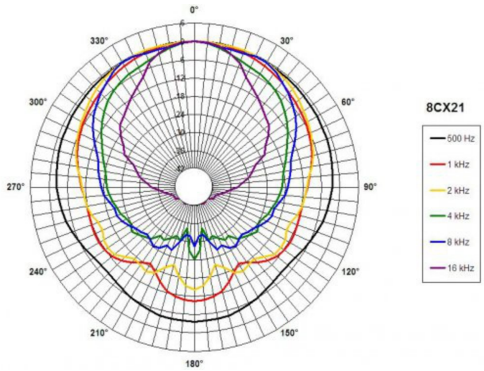












SPECIFICATIONS

Nominal Diameter	210 mm (8.0 in)
Nominal Impedance	8 Ω
Minimum Impedance LF	6.1 Ω
Minimum Impedance HF	7.2 Ω
Frequency Range	75 - 20000 Hz
Dispersion Angle[1]	100 °
Woofer Cone Treatment	WP Waterproof Front Side
Magnet Material	Ferrite -

SPECIFICATIONS LF UNIT

Sensitivity[2]	94.0 dB
Nominal Power Handling[3]	200 W
Continuous Power Handling[4]	400 W
Voice Coil Diameter	52 mm (2.0 in)
Winding Material	Copper
Flux Density	1.1 T
Former Material	Kapton
Winding Depth	16.0 mm (0.63 in)
Magnetic Gap Depth	8.0 mm (0.31 in)

SPECIFICATIONS HF UNIT

Sensitivity[5]	101.0 dB
Nominal Power Handling[6]	25 W
Continuous Power Handling[7]	50 W
Voice Coil Diameter	36 mm (1.4 in)
Winding Material	Aluminium
Flux Density	1.45 T
Diaphragm Material	Polyester
Recommended Crossover[8]	2.2 kHz
Inductance	0.14 mH

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PARAMETERS

Resonance Frequency	74 Hz
Re	5.2 Ω
Qes	0.39
Qms	4.1
Qts	0.36
Vas	15.0 dm^3 (0.55 ft^3)
Sd	220.0 cm^2 (34.1 in^2)
η_0	1.5 %
Xmax	± 5.0 mm
Xvar	± 5.5 mm
Mms	21.0 g
Bl	11.5 Txm
Le	1.2 mH
EBP	189 Hz

MOUNTING AND SHIPPING INFO

Overall Diameter	225 mm (8.8 in)
Bolt Circle Diameter	210 mm (8.3 in)
Baffle Cutout Diameter	187 mm (7.4 in)
Depth	135 mm (5.3 in)
Flange and Gasket Thickness	11 mm (0.4 in)
Net Weight	4.0 kg (8.8 lb)
Shipping Units	1
Shipping Weight	4.6 kg (10.14 lb)
Shipping Box	295x314x175 mm (11.61x12.36x6.89 in)

CROSSOVER

FB08CX21 8Ω

SERVICE KIT

LF recone kit	RCK008CX218
MF replacement diaphragm	MMD0128

1. Included by –6 dB down points.
2. Applied RMS Voltage is set to 2.83V.
3. 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.
4. Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
5. Applied RMS Voltage is set to 2.83V.
6. 2 hour test made with continuous pink noise signal within the range from the recommended crossover frequency to 20 kHz. Power calculated on rated minimum impedance. Loudspeaker in free air.
7. Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
8. 12 dB/oct. or higher slope high-pass filter.

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