

# COAX energy

## ECX 165.5 210W

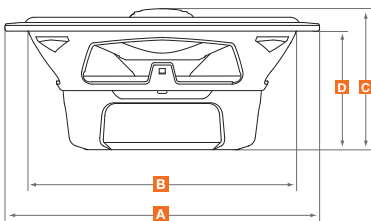


### Technical Specifications

Component	-	Two way coaxial
Woofer size	mm (in.)	165 (6.5)
Tweeter diaphragm	mm (in.)	24 (0.9)
Power handling	W peak	210
	W continuous	70
Impedance	$\Omega$	4
Frequency response	Hz	60 ÷ 23k
Sensitivity	dB SPL	94
Woofer Magnet size D-d-h	mm (in.)	85 x 32 x 15 (3.35 x 1.26 x 0.6)
Woofer Voice coil $\varnothing$	mm (in.)	25 (1)
Tweeter Voice coil $\varnothing$	mm (in.)	15 (0.6)
Woofer magnet	-	High density flux ferrite
Tweeter magnet	-	Neodymium
Woofer cone	-	Water-repellent pressed paper
Tweeter dome	-	PEI
Weight of one component	kg (lb.)	1 (2.2)

### Electro-Acoustic Parameters

D	mm	134
Xmax	mm	3
Re	$\Omega$	3,1
Fs	Hz	72
Le	mH	-
Vas	l	12
Mms	g	12,7
Cms	mm/N	0,4
BL	T-m	4,9
Qts	-	0,58
Qes	-	0,72
Qms	-	3,1
Spl	dB	94



A	165 mm	6.5 in.
B	142 mm	5.6 in.
C	76 mm	3 in.
D	65 mm	2.56 in.

1. Water-repellent treated paper cone, butyl rubber surround.
2. Pure copper voice coil wound on aluminium former, for very good thermal and mechanical capacity.
3. Large motor assembly for excellent mobile voice coil control.
4. Low carbon content plates for maximum magnetic permeability and high heat dissipation.
5. Rubber magnet cover provides damping to the basket and motor structure and protects from abrasions and damages.
6. DIN size basket coated with scratch-proof, corrosive-resistant material.
7. Tin-plated, high current terminals.
8. Silver-plated lead wires, for maximum reliability and conductivity.
9. Epoxy glue for basket and motor system provides perfect coupling.
10. Curve memory Nomex spider for consistent, reliable performance.
11. High energy neodymium magnet tweeter.
12. RHFC, Rotary High Frequency Contour; adjustable for perfect off-axis dispersion and frequency response, according to the listening position.

