

**CDC 220 C**

220 WR 26 90 CD 4L 4 ohm - Order ID: 830520

An 8" CD car woofer with extra high efficiency. Due to its heavy magnet and the 4 layer coil the 830520 gives excellent sound in your car. The 830520 has an injection moulded "cast" diaphragm. It is suitable for mounting in the doors or in the parcel shelf.

CDC 220 C**Thiele Small parameters:**

Nominal impedance
Minimum impedance/at freq.
Maximum impedance
DC resistance
Voice coil inductance
Capacitor in series with 4 ohm
(for impedance compensation)
Resonance Frequency
Mechanical Q factor
Electrical Q factor
Total Q factor
F (Ratio fs/Qts)
Mechanical resistance
Moving mass
Suspension compliance
Effective cone diameter
Effective piston area
Equivalent volume
Force factor
Reference voltage sensitivity
Re 2.83V 1m at 218 Hz (Measured)

Zn (ohm)
Zmin (ohm/Hz)
Zo (ohm)
Re (ohm)
Le (mH)
Cc (µF)
fs (Hz)
Qms
Qes
Qts
F (Hz)
Rms (Kg/s)
Mms (g)
Cms (mm/N)
D (cm)
Sd (cm²)
VAS (ltrs)
Bl (N/A)
(dB)

	Free air	Common	Baffled
		4	
		3.9/218	
		30.5	
		3.6	
		0.9	
		39	
	53.8		51.8
	5.38		5.58
	0.71		0.74
	0.63		0.65
			79
	21.2	1.33	22.8
		0.41	
		17.5	
		240	
		33.0	
		6.0	
			93.0

Magnet and voice coil parameters:

Voice coil diameter
Voice coil length
Voice coil layers
Flux density in gap
Total useful flux
Height of the gap
Diameter of magnet
Height of magnet
Weight of magnet

d (mm)
h (mm)
n
B (T)
(mWb)
hg (mm)
dm (mm)
hm (mm)
(kg)

26
9
4
0.97
0.70
6
90
15
0.4

Power handling:

Long term Max System Power (IEC)

(W)

110

