CAR AUDIO SYSTEMS

QE822

Dual Voice Coil Subwoofer 20 cm

Power Handling
400 Watts RMS / 800 Watts Max.

Technical Specifications

Impedance	Zn	2 x 2 Ohms
Voice Coil Diameter	Ø	64 mm
Voice Coil Winding Height		36 mm
Max. Linear Excursion	Xmax	+/- 10 mm
Max. Mechanical Excursion	Xmax (Peak)	+/- 18 mm
Cone Area	Sd	cm²
Moving Mass	Mms	133,1 g
DC Resistance	Re	2 x 1,9 Ohms
Resonance Frequency	Fs	42,7 Hz
Mechanical Q-Factor	Qms	4,48
Electrical Q-Factor	Qes	0,34
Total Q-Factor	Qts	0,32
Equivalent Air Volume	VAS	6,4 L
VC Inductance	Le	2,26 mH
Flux Density	B/L	20 N/A
Efficiency 1W/1m	SPL	83,5 dB

Recommended Enclosure

Ported Box

Vented Volume:	18 L
Port Diameter:	8 mm
Port Area:	52 cm²
Port Length:	46 cm
Tuning Freq. (Fb):	42 Hz
-3 dB Rolloff (F3):	35 Hz

Mechanical Components

- Diecast Aluminium Basket
- Non-pressed Paper Cone
- Foam Surround
- Injected PP Dustcap
- Dual Nomex Spider
- Dual Magnet 2 x 63 oz (3.572 g)
- Magnet Size: Ø170 x 40 mm
- Aluminium Voice Coil Former

Dimensions & Weight

External Diameter:	220 mm
Mounting Diameter:	183 mm
Mounting Depth:	138 mm
Shipping Weight:	9,5 kg







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