

MUSWAY

MWS822

**Dual Voice Coil
Subwoofer 20 cm**

**Power Handling
250 Watts RMS / 500 Watts**

Recommended Enclosure

Ported Box
Vented Volume: 20 L
Port Diameter: 70 mm
Port Area: 38 cm²
Port Length: 31 cm
Tuning Freq. (Fb): 39 Hz
-3 dB Rolloff (F3): 32 Hz

Deep Tuning

Recommended Enclosure

Sealed Box
Sealed Volume: 9 - 15 L
-3 dB Rolloff (F3): 46 Hz

Recommended Box

Technical Specifications

Impedance	Zn	2 x 2 Ohms
Voice Coil Diameter	Ø	50 mm
Voice Coil Winding Height		28 mm
Max. Linear Excursion	Xmax	+/- 10 mm
Max. Mechanical Excursion	Xmax (Peak)	+/- 15 mm
Cone Area	Sd	214 cm ²
Moving Mass	Mms	94,5 g
DC Resistance	Re	2 x 1,8 Ohms
Resonance Frequency	Fs	39,7 Hz
Mechanical Q-Factor	Qms	6,41
Electrical Q-Factor	Qes	0,63
Total Q-Factor	Qts	0,575
Equivalent Air Volume	VAS	10,9 L
VC Inductance	Le	4,6 mH
Flux Density	B/L	8,36 N/A
Efficiency 1W/1m	SPL	83 dB

Mechanical Components

- Steel Basket
- Glass-Fibre Cone
- Rubber Surround
- Glass-Fibre Dustcap
- Single Nomex Spider
- Y30 Magnet 40 oz (1.134 g)
- Magnet Size: Ø134 x 20 mm
- TIL (Glass-Fibre) Voice Coil Former

Dimensions & Weight

External Diameter: 214 mm
Mounting Diameter: 182 mm
Mounting Depth: 78 mm
Shipping Weight: 4,1 kg

