

## ATL12D2

**Dual Voice Coil  
Subwoofer 30 cm**

**Power Handling**  
**600 Watts RMS / 1.200 Watts Max.**

### Technical Specifications

Impedance	Zn	2 x 2 Ohms
Voice Coil Diameter	Ø	64 mm
Voice Coil Winding Height		52 mm
Max. Linear Excursion	Xmax	+/- 20 mm
Max. Mechanical Excursion	Xmax (Peak)	+/- 29 mm
Cone Area	Sd	498 cm <sup>2</sup>
Moving Mass	Mms	278 g
DC Resistance	Re	2 x 1,9 Ohms
Resonance Frequency	Fs	27 Hz
Mechanical Q-Factor	Qms	4
Electrical Q-Factor	Qes	0,47
Total Q-Factor	Qts	0,42
Equivalent Air Volume	VAS	44 L
VC Inductance	Le	1 mH
Flux Density	B/L	19,4 N/A
Efficiency 1W/1m	SPL	85 dB
Max.In-Car Sound Pressure	SPL	146 dB

### Recommended Enclosure

Bandpass Box	
Sealed Volume:	22 L
Vented Volume:	29 L
Port Diameter:	2 x 100 mm
Port Area:	160 cm <sup>2</sup>
Port Length:	30 cm
-3 dB Rolloff (F3):	44 Hz

### Recommended Enclosure

Ported Box	
Vented Volume:	57 L
Port Diameter:	100 mm
Port Area:	80 cm <sup>2</sup>
Port Length:	26 cm
Tuning Freq. (Fb):	35 Hz
-3 dB Rolloff (F3):	29 Hz

Sound Quality Box

### Mechanical Components

- Diecast Aluminium Basket
- Polypropylen Cone
- Rubber Surround
- Injected PP Dustcap
- Single Nomex Spider
- Dual Magnet 2 x 70 oz (3.969 g)
- Magnet Size: Ø180 x 40 mm
- Aluminium Voice Coil Former

### Dimensions & Weight

External Diameter:	325 mm
Mounting Diameter:	287 mm
Mounting Depth:	184 mm
Shipping Weight:	13,7 kg

