

# Radio Shack

Cat. No. 40-1026A



## 12" Polypropylene Cone Woofer

Your Radio Shack 12" Polypropylene Cone Woofer lets you increase the bass response of your sound system, whether it is a home or car, stereo or monaural system.

### FEATURES

**Light, Rigid, Polypropylene Cone** — extra-durable, long-life cone resists effects of moisture and temperature extremes, and withstands greater stress at high volume levels.

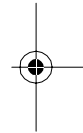
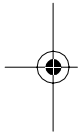
**Rolled Urethane Foam Surround** — minimizes distortion and improves clarity.

**Long-Throw Voice Coil** — delivers clean, solid sound.

### MOUNTING

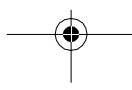
You can install the woofer from the front or back of an enclosure so it is flush with the baffle's surface. Seal the mounting surface so air cannot leak around the woofer.

For details, see our "Building Speaker Systems" book (not supplied), available at your local Radio Shack store.



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## SPECIFICATIONS

Nominal Impedance .....	8 ohms
Frequency Response .....	25 Hz-3000 Hz
Free Air Resonance (Fs) Frequency .....	25 Hz
Infinite Baffle Resonance Frequency .....	23 Hz
Piston Area (SD) .....	0.0523 m <sup>2</sup>
Power Handling.....	50 W RMS
Maximum Power.....	100 W
Flux Density (BL).....	6.66 TM
DC Voice Coil Resistance (RE, ohms) .....	5.6 ohms
Voice Coil Inductance (LVC at 1 kHz) .....	0.45 mH
SPL.....	88 $\delta$ $\pm$ 2 db/1W/1m
Moving Mass (Mms).....	61.5 g
Electrical Q Factor (QES).....	1.13
Mechanical Q Factor (QMS).....	3.13
Total Q Factor.....	0.83
Equivalent Acoustic Volume (VAS).....	297.19 l
Mechanical Suspension Compliance (CMS, UM/N).....	766 UM/N
Mechanical Mass of Cone Assembly and Free Air Load.....	61.46 g
Mechanical Mass of Cone Assembly Only .....	54.59 g
Peak-to-Peak (Maximum) Linear Excursion .....	2.90 mm
Cutout.....	10 <sup>1</sup> / <sub>4</sub> Inches/28.5 cm
Depth .....	5 <sup>1</sup> / <sub>4</sub> Inches/14.3 cm
Magnet Weight .....	17.7 oz.
Speaker Weight.....	72.9 oz.

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

### RADIO SHACK LIMITED WARRANTY

This product is warranted against defects for 90 days from date of purchase from Radio Shack company-owned stores and authorized Radio Shack franchisees and dealers. Within this period, we will repair it without charge for parts and labor. Simply **bring your Radio Shack sales slip** as proof of purchase date to any Radio Shack store. Warranty does not cover transportation costs. Nor does it cover a product subjected to misuse or accidental damage.

EXCEPT AS PROVIDED HEREIN, RADIO SHACK MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. Some states do not permit limitation or exclusion of implied warranties; therefore, the aforesaid limitation(s) or exclusion(s) may not apply to the purchaser.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

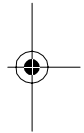
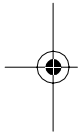
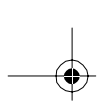
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**Fort Worth, Texas 76102**

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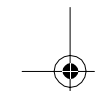
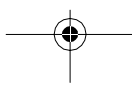
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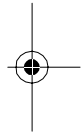
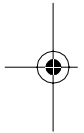
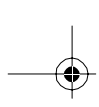


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