

For Immediate Release

Prem Magnetics

P R E S S R E L E A S E

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Prem Introduces Its Newest 25V Line Matching Audio Output Transformer for Distributed Sound Systems

A new chassis mount line-matching transformer developed for commercial distributed sound systems has been introduced by Prem Magnetics, Inc. Designated the SPLM-100, this new part is developed for 25V line to 8 Ohm speaker applications at power levels of 8.0, 4.0, 2.0, 1.0, and 0.5Watts.

Commonly used in schools and other applications requiring a low distributed line voltage, this transformer offers excellent performance. Having an Insertion Loss rating of 1.0dB at 1KHz, the SPLM-100 offers a very good Frequency Response of ± 2.0 dB from 50Hz to 15KHz. With a Total Harmonic Distortion (THD) rating of 1.25% typical at rated power and 100Hz, the part offers high sound quality. Isolation rating is 1,500 Vac from primary to secondary to core.

The SPLM-100 has 0.113" (2.87mm) solder tabs for connecting the inputs and output, and a channel frame bracket for ease of mounting in an enclosure or onto a mounting plane. Dimensions for the SPLM-100 are 3.250" (82.55mm) Length x 2.235" (56.77mm) Width x 1.985" (50.42mm) Height. Weight for this part is approximately 14.5 oz (411 grams).

All Prem standard transformers are 100% final tested for open circuit voltage (turns ratio), polarity (phasing), and dielectric strength. Pricing for the new SPLM-100 is as low as \$16.00 each in production quantities. For more information, visit Prem's interactive web site: <http://www.premmagnetics.com> or call 815-385-2700.

For Immediate Online Information, visit: <http://www.premmagnetics.com/SPLM-100.html>

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