



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 70.7V 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-101, this new part is developed for 70.7V line to 8 Ohm speaker applications at power levels of 8.0, 4.0, 2.0, 1.0, and 0.5Watts.

Commonly used in commercial distributed sound systems, this transformer offers excellent performance. Having an Insertion Loss rating of 1.0dB at 1KHz, the SPLM-101 offers a good Frequency Response of  $\pm 3.0$ dB from 50Hz to 15KHz. With a Total Harmonic Distortion (THD) rating of 2.0% typical at rated power and 100Hz, the part offers very good sound quality. The isolation rating is 1,500 Vac from primary to secondary to core.

The SPLM-101 has 0.113" (2.87mm) solder tabs for connecting the inputs and output, and a channel frame bracket for ease of mounting within an enclosure or onto a mounting plane. Dimensions for the SPLM-101 are 3.250" (82.55mm) Length x 2.235" (56.77mm) Width x 1.985" (50.42mm) Height. Weight for this part is approximately 14.8 oz (420 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-101 is as low as \$16.49 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-101.html>

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