High Power 1 GHz Communication Passives

Established in 1953, Lindsay is a leading manufacturer and global provider of RF distribution products for the CATV and wired communication industries. With our 125,000 square foot North American manufacturing facility, 500 dedicated employees, and a worldwide distribution network, we are committed to the growth and advancement of your business.

Focused on the last mile, our Hardline Passives, Subscriber Amplifiers, Apartment Amplifiers, Power Passing MultiTaps, and Distribution Amplifiers all work from a 1 GHz platform. Our revolutionary new technology creates communications equipment to solve system problems before they become subscriber problems. This is achieved through applied ISO continuous improvement disciplines, innovation and strict attention to details.

A quarter century of proven reliability and superior performance under the most severe climatic conditions result in fewer service interruptions, less maintenance and thus better service at lower operating cost.

Model | Description
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LHI100 | Power Inserter
LHS102 | 2 Way Line Splitter
LHI103 | 3 Way Line Splitter
LHI103B | Balanced 3 Way Line Splitter
LH108 | 8 dB Directional Coupler
LHC112 | 12 dB Directional Coupler
LHC116 | 16 dB Directional Coupler
LHI108 | 8 dB Status Picker/Power Inserter
LHI112 | 12 dB Status Picker/Power Inserter
LHI116 | 16 dB Status Picker/Power Inserter
LHI100D | Dual Power Inserter
LDC108S | 8 dB Directional Couplers - 2 Way Splitter
LDC112S | 12 dB Directional Couplers - 2 Way Splitter
LACS100 | Central Node Power Inserter

**Model:** LHI100
**Description:** Power Inserter
**Dimensions:** 6.38" X 5.75" X 2.1562" (16.2 X 14.6 X 7.5 CM)
**Weight:** 1 Kg (2.2 Lb.)
**Mounting Arrangements:** Aerial Mount, Pedestal Mount, Hanger Bracket

Going the Last Mile

Tomorrow’s architectures for sending or receiving information around the world or down the street will require a new era of communication equipment...now available from Lindsay Electronics.

Revolutionary Technologies from Lindsay Electronics
Create the New Standard for System Symmetry
As an inrush current protection device, the Lindsay LPD100-2 Power Delay circuit is used to delay the supply of power to one portion of the system. Its use is recommended where the required start-up surge is greater than the maximum current rating of the AC power supply. By inserting the LPD module in the AC path, the load is partitioned into segments such as lower start-up current. When AC power is applied to the system, the LPD circuit is activated and completes the AC path only after an approximate delay of 4 seconds.

APPLICATION

LHI 1XX Application

LHI-1XX Application

LPD100-2 POWER DELAY MODULE

Engineered Solutions

Lindsay’s patented center conductor seizure mechanism minimizes common path distortion and microreflections. Large contact area with high clamping pressure and direct motherboard transfer increases current handling while eliminating center conductor distortion and plating fractures. This proven new technology results in increased reliability and signal integrity over time and temperature.

Specifications

- Voltage: 40 - 110 VAC sine wave, 50-60 Hz
- Line Current: 10 Amps, max. continuous, 250 Amps peak
- Line Voltage Drop: 1 volt
- Current Consumption: 0.3 A RMS
- Delay (approx.): 4 seconds
- Detection Time: 1 Cycle (50-60 Hz)

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APPLICATION

LHI Power Inserter & LPD100-2 System Supply

Power Block Trunk Amps (shaded amps experience power delay at startup)

6-444 LINDSAY SURGE CLAMP

Specifications

- Constant - Repetitive AC RMS 50/60 Hz 35 - 100 A Max.
- Voltage Rating: 60 - 90 VAC
- Line Voltage: 60-90 VAC
- Line Frequency: 50-60 Hz
- Fuse Rating: 25 Amperes for 2 hours

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