LAIRD®
DIGITAL CINEMA

L25CHD-DIN-B DATASHEET

The Laird L25CHD-DIN-B series of ultra-slim 12G-SDI video cables features the super-low-loss Canare L2.5CHD coax with highly foamed PE insulation for improved attenuation, along with tinned copper braid and aluminum foil for excellent shielding. The Canare BNC plugs feature elongated bodies for improved finger grip, and the Canare DIN connectors feature a ball-bearing locking mechanism for smooth action and a reliable connection. These assemblies are ideal for 12G-SDI / HD-SDI distribution where a space-saving, low-profile cable is required.

Features:

- Ideal for 12G-SDI / HD-SDI Distribution
- High-Quality Canare Components
- Super Low Loss Coax Cable
- DIN Connector with Locking Mechanism
- Superior Pull Strength
- Elongated BNC Connector Design for Stable Finger Grip
- Canare Cable Meets SMPTE 292M & 424M Compliance

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www.lairddigitalcinema.com

Export Information
Country of Origin: USA
US ECCN: EAR99
HTS Code: 8544.42
US Dept. of Commerce CCATS: N.a
A Division of Tower Products Incorporated
Revision #01

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Specifications:

Canare L-2.5CHD:

- **Outer Diameter:** 0.30in (7.7mm)
- **Inner Conductor Construction:** 1/0.59A
- **Inner Conductor Outer Diameter:** 0.023in (0.59mm)
- **Inner Conductor Material:** Annealed Copper
- **Inner Conductor AWG:** 23
- **Insulation Outer Diameter:** 0.03in (1.00mm)
- **Insulation Thickness:** 0.10in (2.59mm)
- **Insulation Material:** Foamed Polyethylene
- **Outer Conductor 1 Thickness:** 0.002in (0.06mm)
- **Outer Conductor 1 Outer Diameter:** 0.10in (2.7mm)
- **Outer Conductor 1 Material:** Aluminum Tape
- **Outer Conductor 2 Construction:** 16/ 7/0.12TA
- **Outer conductor 2 Pitch:** ≤0.94in (≤24mm)
- **Outer Conductor 2 Outer Diameter:** 0.12in (3.2mm)
- **Outer Conductor 2 Material/Coverage:** Tinned Annealed Copper/95%
- **Sheath Thickness:** 0.01in (0.5mm)
- **Sheath Material:** Flame Retardant Polyvinyl Chloride
- **Weight:** 0.017lbs/ft (2.6kg/100m)
- **Rated Voltage:** AC 60Vrms
- **Temperature Range:** -4°F to 167°F (-20°C to 75°C)
- **Inner Conductor DC Resistance:** ≤ 66.9Ω/km
- **Outer Conductor DC Resistance:** ≤ 16.9Ω/km
- **Insulation Resistance:** ≥ 1000MΩ-km
- **Characteristic Impedance:** 75±3Ω
- **Nom Capacitance:** 54.5nF/km (1kHz)
- **Tensile Strength:** ≥ 13.8 MPa
- **Elongation:** ≥ 150%
- **Permission Tension:** ≤ 18 N
- **Bend Radius (Installed):** 1.81in
- **Bend Radius (Flexing):** 4.54in

Canare Connectors:

- **Nom impedance:**
  - **Canare BNC:** 75Ω unbalanced
  - **Canare DIN:** 75Ω unbalanced
- **Insulation Resistance:**
  - **Canare BNC:** 5000MΩ or more
  - **Canare DIN:** 1000MΩ or more
- **Voltage Standing Wave Ratio:**
  - **Canare BNC:** 1.1 or less
  - **Canare DIN:** 1.2 or less (0 ~ 3GHz)

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