LAIRD®
DIGITAL CINEMA

L25CHD-DIN DATASHEET

The Laird L25CHD-DIN series of ultra slim 12G-SDI video cables features the super low loss Canare L-2.5CHD coax with highly-foamed PE insulation for improved attenuation, along with tinned copper braid with aluminum foil for excellent shielding. 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
- Canare Cable Meets SMPTE 292M & 424M Compliance

ISO 9001:2015 CERTIFIED

SUSTAINING MEMBER SMPTE

Bicsi CORPORATE MEMBER

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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 DCP-C25HD connector:

- **Nom Impedance:** 75Ω unbalanced
- **Insulation Resistance:** 1000MΩ or more
- **Voltage Standing Wave Ratio:** 1.2 or less (0 ~ 3GHz)
- **Contact Resistance between Center Contacts:** 6mΩ or less
- **Contact Resistance between External contacts:** 3mΩ or less

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