

L25CHD-B-B DATASHEET

The Laird L25CHD-B-B series of ultra slim 12 G-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 BNC plugs feature elongated bodies for better finger grip. 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
- Elongated BNC Connector Design for Stable Finger Grip
- Superior Pull Strength
- Cable & Connectors Meet SMPTE 292M & 424M Compliance



L25CHD-B-B DATASHEET

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 BCP-B25HD connector:

- **Nom Impedance:** 75Ω
- **Return loss:** 26.4dB or more
- **Voltage standing wave ratio:** 1.1 or less
- **Contact resistance:** 10mΩ or less