

## L45CHWS-B-B

# CABLE SERIES

### Laird L45CHWS-B-B 12G-SDI 4K UHD L-4.5CHWS Coax Male to Male BNC Cable

The Laird L45CHWS-B-B series is an 18 AWG highly flexible cable assembly designed for repeated bending for HD-SDI and 4KUHD video transport and are compliant with ST 2082-1 standards for 12G-SDI formats. Built with high quality Canare single channel BNC cable for fixed and cable reel deployment in studios, OB trucks, and live events, these cable assemblies transmit UHD up to 164 feet.

*\*\* Laird certified lengths are defined as max transmission where signal integrity remains 100% functional without any CRC errors, your 12G-SDI ST 2082 signals may function at or beyond the manufacturer-certified lengths without issues- however when CRC errors are present there could be drops in audio, video, meta and ancillary data. In most circumstances, video integrity remains intact at OEM distance \*\**

### Features:

- Designed for 4KUHD Video Transport
- Flexible and Durable, Designed for Repeated Bending
- Fixed and Cable Reel Deployment in OB Trucks & Permanent Installations
- Max. Transmission Distance: 12G-SDI - 164 ft/50m
- Backwards Compatible with 3G-SDI
- Compliant with SMPTE 424M & ST 2082-1 Standards

### Specifications:

- **Canare L-4.5CHWS 12G-SDI/4K UHD Single Channel BNC Cable**
  - Insulation Resistance: 5000MΩ
  - Corrosion Resistance: 50mΩ
  - Inner Conductor: Annealed Copper / Stranded Outer Conductor 1: Annealed Copper
  - Outer Conductor 2: Annealed Copper
  - Insulation: Gas Injected Foamed Polyethylene
  - High-Density Double-Braided Shield
- **Amphenol 12G 75Ω Straight Type BNC Connectors**
  - Return loss: 20dB @DC-6GHz, 15dB @6-12GHz

