

## L33CUHD-B-B

## CABLE SERIES

### Laird L33CUHD-B-B 12G-SDI 4K UHD Mini-Coax BNC Male to Male Cable

The Laird L33CUHD-B-B cable assembly features high quality 12G-SDI 4K Canare mini-coaxial cable terminated with BNC plugs for low attenuation 3G/6G/12G-SDI signal transmission and is SMPTE ST-2082-1 compliant. This lightweight and small diameter cable is designed for fixed installations in rack to rack applications, camera to support equipment with 12G-SDI ports, and OB truck wiring.

*\*\* 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:

- Compliant with SMPTE ST-2082-1 Standards
- Designed for Low Attenuation 3G/6G/12G-SDI Transmission
- Copper Foil and High-Density Tinned Copper Braided Shielding
- Flame Retardant Polyvinyl Sheath
- Highly-Foamed, Multi-Layer PE Insulation

### Specifications:

- **Canare L-3.3CUHD 75Ω Coaxial Cable:**
  - Canare Certified Max Transmission Distance: 190 Feet for 12G/4K
  - Laird Certified Max Transmission Distance: 100 Feet for 12G/4K
  - Center Conductor = Annealed Copper 21 AWG
  - Outer Conductor = 1/0.75A Cu Foil with TC Braid
  - Attenuation dB/100m @ 6GHz = 68.5
  - OD 5.5mm
  - Tensile Strength:  $\geq 12.8\text{Mpa}$
  - Nominal Capacitance: 55nF/km (1kHz)
- **Canare BCP-D33UHD BNC Plugs:**
  - Return Loss: 3GHz - 26.4dB/ 6GHz - 20dB/ 12GHz - 15dB
  - Nominal Impedance: 75Ω Unbalanced
  - Insulation Resistance: 5000mΩ or More
  - Contact Resistance: Between External Contacts: 3mΩ or less; Between Center Contacts: 6mΩ or less

