

## HDBRA4855-B

## CABLE SERIES

### HDBRA4855-B Belden 4855R BNC Male to Right Angle HD-BNC 4K 12G-HD-SDI Video Patch Cable

Laird HDBRA4855-B Standard BNC Male to Right Angle HD-BNC 12G HD-SDI Cables for UHD and 4K video transport are designed for 4K UHD cameras, monitors, converters, 12G-SDI switchers, and other common 12G-SDI products. Amphenol RF's line of BNC and HD-BNC products are optimized for 4K Ultra HD Broadcast, providing crystal clear signal transmission on a single channel. The HD-BNC connector delivers true 75 Ohm performance in a footprint 51% smaller than traditional BNC connectors, allowing four times the panel density. HD-BNC connectors utilize a bayonet-style mating system analogous to traditional BNCs, for consistently reliable coupling, and mate with any standard BNC jack. Assembled with high quality Belden 12G-SDI coax cable, Laird UHD BNC cables meet the requirements for 12G SDI SMPTE 2082-1 and 2081-1 video formats. Belden's certified max transmission distance: 12G signals up to 149 feet, 6G up to 215 feet, and 3G up to 149 feet. Laird's certified max transmission distance: 117 Feet for 12G/4K

*\*\* 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:

- 4K UHD Precision 75-Ohm Video Cable
- 12G SDI Optimized Amphenol BNC Connectors
- Right Angle HD-BNC Connector Provides Strain Relief
- Compatible with 12G-SDI Single Link Format Devices
- Meets SMPTE 424M, 2081-1, 2082-1 Standards

### Specifications:

- **Belden 12G SDI Mini-RG59 Coax Cable with PVC Jacket**
  - Belden Certified Max Transmission Distance: 12G signals up to 149 feet, 6G up to 215 feet, and 3G up to 149 feet
  - Laird Certified Max Transmission Distance: 117 Feet for 12G/4K
  - 12G SDI Optimized Amphenol BNC Connectors Compatible with 12GSDI single link format devices
  - Nominal Impedance: 75Ω
  - Conductor: Silver Plated Copper
  - Insulation: Gas Injected Foam HDPE
  - Outer Shield: Duofoil bonded to the Core + Tinned Copper Braid Shield
  - Conductor DC Resistance: 19.700 DCR@20°C (Ohm/1000ft)
  - Outer Shield Resistance: 3.900 DCR@20°C (Ohm/1000ft)
  - Nominal Inductance: .107 μH/ft
  - Nominal Capacitance Conductor to Shield: 16.3 pF/ft

