LAIRD®
DIGITAL CINEMA

4855R-B-BF
CABLE SERIES

4855R-B-BF Mini-RG59 12G-SDI/4K UHD BNC to BNC Female Single Link Cable

Laird 4855R-B-BF Series 12G-SDI/4K UHD Single Link BNC Cables for UHD and 4K video transport are designed for 4K UHD cameras, monitors, converters, 12G SDI switchers, and other common 12G SDI products. Laird single link cables meet the requirements for 12G SDI ST 2081-1 and ST2082-1 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:

- Designed for UHD and 4K Video Transport 12 GHz, 4K UHD Precision 75-Ohm Video Cable
- Single Link BNC Simplifies Installations
- Optimized Transmission Distance for UHDTV
- Return Loss: Guarantees -15 dB RL from 4.5 to 12GHz
- Meets SMPTE 424M, ST 2081-1 and ST2082-1 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

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