

B4855R-BB

CABLE SERIES

Laird B4855R-BB-BK 12G-SDI/4K UHD 4855R with Belden BNC Cable

Laird B4855R-BB 12G-SDI 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. Built with convenience in mind, the 23AWG mini cable has a reduced weight and diameter for easy handling and portability in field deployments and studios. Assembled with high quality Belden 12GSDI coax cable, Laird UHD BNC cables meet the requirements for 12G SDI SMPTE 2082-1 and 2083-1 video formats. Sends 12G signals up to 149 feet, 6G up to 215 feet, and 3G up to 310 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 UHD and 4K Video Transport 12 GHz, 4K UHD Precision 75-Ohm Video Cable
- 12G-SDI Optimized Belden BNC Connectors Compatible with 12GSDI single link format devices
- Single Link BNC Simplifies Installations
- Flexible Cable Suitable for Studio or Field Applications
- Optimized Transmission Distance for UHD TV
- Quick/Disconnect with BNC Connectors
- 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 310 feet
 - Laird Certified Max Transmission Distance: 117 Feet for 12G/4K
 - Return Loss: Guarantees -15 dB RL from 4.5 to 12GHz
 - 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 MH/ft
 - Nominal Capacitance Conductor to Shield: 16.3 pF/ft
- **Belden 12G-SDI 3-Piece UHD BNC Crimp Connector**
 - AWG Size: 23
 - Nominal Characteristic Impedance: 75Ω
 - Footprint/Type: Coax
 - Connector Interface Type: BNC
 - Gender: Male - plug
 - Color Band: Violet
 - Locking: No
 - RG Type: Mini 59

