LAIRD®
DIGITAL CINEMA

HDBNC4794-B
CABLE SERIES

Laird HDBNC4794-B Belden 4794R HD-BNC Male to Standard BNC Male 12G-SDI Cable

The Laird HDBNC4794-B High Density HD-BNC Male to Standard BNC Male 12G HD-SDI Cable for 12GHz, 4K UHD signal transmission terminates with Amphenol BNC connectors. Amphenol's RF line of BNC and HD-BNC products are optimized for 4K Ultra HD Broadcast, providing crystal clear signal transmission on a single channel. The low-loss Belden 16AWG precision coax cable features a PVC jacket and a silver-plated copper conductor with gas-injected foamed HD polyethylene insulation. Designed for high resolution camera systems, these sturdy cable assemblies provide extremely secure equipment connections and can be used for most broadcast environments including OB trucks, ENG camera crews, and studios. Sends 12G signals up to 225 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:

- 12GHz, 4K UHD Signal Transmission
- Durable 16AWG, Precision Coax Cable
- 12G SDI Optimized Amphenol BNC Connectors to Standard BNC Connectors
- Superior Pull Strength for Secure Connections
- Maximize broadcast signal integrity
- Meets SMPTE 259, 292, 424, 425, 2081-1, 2082-1 Standards

Specifications:

- **Belden 12G SDI Coax Cable with PVC Jacket:**
  - Belden Certified Max Transmission Distance: 321 Feet for 12G/4K
  - Laird Certified Max Transmission Distance: 225 Feet for 12G/4K
  - Low-Loss Serial Digital 16AWG Cable
  - Insulation: Gas-injected Foam HDPE
  - Conductor: Silver-plated Copper
  - Outer Shield: Duofoil bonded to the Core + Tinned Copper Braid Shield
  - Conductor DC Resistance: 4.000 DCR@20°C(Ohm/1000ft)
  - Outer Shield Resistance: 1.900 DCR@20°C(Ohm/1000ft)
  - Nominal Inductance: 0.091 MH/ft
  - Nominal Impedance: 75Ω
  - Nominal Capacitance Conductor to Shield: 15.5 pF/ft

- **Amphenol Connectors:**
  - Meets SMPTE Standards for 12G-SDI
  - Durability: 500 Cycles

sales@lairddigitalcinema.com
WWW.LAIRDDIGITALCINEMA.COM

Export Information
Country of Origin: USA
US ECCN: EAR99
HTS Code: 8544.42
US Dept. of Commerce CCATS: N.a