LAIRD®
DIGITAL CINEMA

HDBNC4855-MM
CABLE SERIES

HDBNC4855-MM High Density HD-BNC Male to HD-BNC Male 12G HD-SDI Cable

Laird HDBNC4855-MM High Density HD-BNC Male to HD-BNC Male 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. The HD BNC connectors support data transfer rates of up to 12Gb/s enabling the transmission of high resolution uncompressed video signals and provide 4K and Ultra-HD quality signals. 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. 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
- 12G SDI Optimized BNC Connectors
- Optimized Transmission Distance for UHDTV
- Transmits up to 149 ft/45m
- Return Loss: Guarantees -15 dB RL from 4.5 to 12GHz
- Meets SMPTE ST-2082-1 and ST-2081-1 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
  - 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
  - Transmission Distance: 12G Signals up to 149 feet, 6G up to 215 Feet, and 3G up to 310 Feet

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

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