

## 12GSDI-B-B

## CABLE SERIES

### Laird 12GSDI-B-B 12G SDI Cable - 4K UHD Video BNC Cable

Laird 12GDIN4855-MB Series 12G-SDI/4K UHD Single Link DIN to Male HD-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 12GDIN4855 series cables, made with Belden 4855R cable, DIN 1.0/2.3 connectors and HD-BNC connectors, are designed for applications where space limitation is a factor. Cables meet the requirements for 12G-SDI ST 2081-1 and ST 2082-1 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
- SDI Formats including 1.5G, 3G, 6G and 12G
- SMPTE 2082-1 Standards
- Fixed and Cable Reel Deployment in Studios, Trucks, Permanent Installations
- Excellent Attenuation
- Terminated with 12G 75Ω BNC Connectors
- Flame Retardant

### Specifications:

- Canare Certified Max Transmission Distance: 330 Feet for 12G/4K
- Laird Certified Max Transmission Distance: 250 Feet for 12G/4K
- Canare 12G-SDI / 4K UHD Coax Single Channel BNC Cable
- SMPTE ST-2082-1 Compliant for 12GSDI transmission
- Return loss: 15dB @ 12GHz, 20dB @ 6 GHz, 26dB @ 3GHz
- Insulation Resistance: 5000MΩ
- Corrosion Resistance: 50mΩ
- Inner Conductor: Annealed Copper
- Outer Conductor 1: Copper Laminated Tape
- Outer Conductor 2: Tinned Annealed Copper Braid > =91%
- Insulation: Foamed Polyethylene

