

12GDIN4855-B

CABLE SERIES

Laird 12GDIN4855-B Belden 4855R Male 12G DIN to Male BNC Cable

Laird 12GDIN4855-B Series 12G-SDI/4K UHD Single Link DIN to 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 and 12G BNC connectors, are designed for applications where space limitation is a factor. Cables meet the requirements for 12G-SDI ST 2081-1 and ST2082-1 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
- Single Link BNC Simplifies Installations
- Push-Pull Coupling
- DIN 1.0/2.3 Connector
- Optimized Transmission Distance for UHD TV
- Transmits up to 150 ft/45m

Specifications:

- **23 AWG Belden 12GHz Mini-RG59 Coax Cable:**
 - Laird Certified Max Transmission Distance: 117 Feet for 12G/4K
 - Belden Certified Max Transmission Distance: 12G signals up to 149 feet, 6G up to 215 feet, and 3G up to 310 feet
 - PVC Inner & Outer Jackets
 - Meets SMPTE ST 2082-1 and ST 2081-1, 424M Standards
 - DIN 1.0/2.3 RF Connector
- **75 Ohm 12G-SDI Optimized Amphenol BNC Connector:**
 - Compatible with 12G-SDI Single Link Format Devices
 - Nominal Impedance: 75 Ohm
 - Insulation: Gas Injected Foam HDPE
 - Tinned Copper Braid Shield
 - Nominal Conductor DCR: 19.7 OHM/1000 ft
 - Nominal Capacitance Conductor to Shield: 16.3 pF/ft

